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Water resources data for the 1972 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of wells and springs. This report contains discharge records for 56 gaging stations; stage and contents for 11 lakes and reservoirs; water quality for 81 gaging stations, and water levels for 17 observation wells. Also included are 19 crest-stage partial-record stations. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous measurements and analyses. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating local, State, and Federal agencies in South Carolina.

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1972

Water Resources Data for South Carolina

Water Year 1972

Part 1. Surface Water Records

Part 2. Water Quality Records

Part 3. Ground Water Records

UNITED STATES
DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-72-1

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U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

Prepared in cooperation with the State of South Carolina
and with other agencies

CALENDAR FOR WATER YEAR 1972

OCTOBER 1971

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

NOVEMBER 1971

S	M	T	W	T	F	S
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28	29	30				

DECEMBER 1971

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JANUARY 1972

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FEBRUARY 1972

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MARCH 1972

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APRIL 1972

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MAY 1972

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JUNE 1972

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JULY 1972

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AUGUST 1972

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SEPTEMBER 1972

S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1972

Water Resources Data
for
South Carolina
Water Year 1972

Part 1. Surface Water Records
Part 2. Water Quality Records
Part 3. Ground Water Records

MARCH 3, 1849

UNITED STATES
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-72-1

Prepared in cooperation with the State of South Carolina
and with other agencies

Prepared in cooperation with.

South Carolina Water Resources Commission
South Carolina Pollution Control Authority
South Carolina Public Service Authority
South Carolina State Highway Department
City of Spartanburg
Environmental Protection Agency
Corps of Engineers, U.S. Army
Atomic Energy Commission

Copies of this report may be obtained from
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U.S. Geological Survey
2001 Assembly Street, Suite 200
Columbia, South Carolina 29201

1973

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WATER RESOURCES DATA FOR SOUTH CAROLINA, 1972

INTRODUCTION

Water resources data for the 1972 water year for South Carolina including records of streamflow or reservoir storage at gaging stations, records of water-quality data on the chemical and physical characteristics of surface water and ground water levels are given in this report. Records for a few pertinent gaging and water-quality stations in the State of Georgia are also included. The records were collected and computed by the Water Resources Division of the U.S. Geological Survey under the direction of J. S. Stallings, district chief. These data represent that portion of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

Through September 30, 1960, the records of discharge and stage of streams and contents and stage of lakes or reservoirs were published in an annual series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States."

Beginning with the 1961 water year, streamflow records and related data have been released by the Geological Survey in annual reports on a State-boundary basis. Distribution of these reports is limited; they are designed primarily for rapid release of data shortly after the end of the water year to meet local needs. The streamflow records for 1961-65 also are published in a Geological Survey water-supply paper series entitled, "Surface Water Supply of the United States 1961-65," and those for 1966-70 will be published in a similar series.

The Geological Survey has published records of chemical quality, suspended sediment, and water temperatures since 1941 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Beginning with the 1964 water year, water-quality records also have been released on a State-boundary basis in conjunction with streamflow records or in a separate volume.

Through December 31, 1965, ground-water records which contain water-level data were published in the annual series of U.S. Geological Survey water-supply papers entitled "Water Levels and Artesian Pressures in Observation Wells in the United States." Since 1955 this series has been entitled "Ground-Water Levels in the United States." The calendar years 1956 through 1960 span a transition period wherein the water-supply papers are converted from presenting 1-year data to 5 years of data. Water-Supply Paper 1538 contains records of water levels in South Carolina for calendar years 1956-58 and Water-Supply Paper 1803 for calendar years 1958-63. Subsequent water-supply papers containing records for South Carolina will be issued for 5-year intervals. Beginning with the 1971 water year, ground-water data for South Carolina have been published on a State-boundary basis in conjunction with streamflow and water-quality records.

COOPERATION

The U.S. Geological Survey and organizations of the State of South Carolina have had cooperative agreements for the systematic collection of water records since 1930. Organizations that supplied data are acknowledged in station descriptions. Organizations that assisted in collecting data through cooperative agreement with the Survey are:

South Carolina Water Resources Commission, C. P. Guess, Jr., executive director.
South Carolina Pollution Control Authority, Hubert J. Webb, executive director.
South Carolina Public Service Authority, J. B. Thomason, general manager.
South Carolina State Highway Department, S. N. Pearman, chief highway commissioner.
City of Spartanburg, L. D. Cantrell, chairman of commissioners of public works.

Assistance in the form of funds or services was given by the Corps of Engineers, U.S. Army, in collecting records for 27 gaging stations, Atomic Energy Commission in collecting records for one gaging station, and by the Environmental Protection Agency in collecting water-quality records for 27 stations published in this report.

The following organizations aided in collecting records:

Duke Power Company; Greenwood County Electric Power Commission; South Carolina Electric and Gas Company; South Carolina Public Service Authority; and Carolina Power and Light Company.

DEFINITION OF TERMS

Definition of terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined as follows:

Biochemical oxygen demand (BOD) is the amount of oxygen required by bacteria while stabilizing decomposable organic matter under aerobic conditions.

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.9835 acre-feet, or 646,317 gallons, and represents a runoff of 0.0372 inch from 1 square mile.

Coliform organisms are a group of bacteria used as an indicator of the sanitary quality of the water. The number of coliform colonies per 100 milliliters is determined by the immediate or delayed incubation membrane filter method.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute.

Discharge is the volume of water (or more broadly, total fluids), that passes a given point within a given period of time.

Mean discharge is the arithmetic average of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time. If this discharge is reported instead of the daily mean, the heading of the discharge column in the tables is "Discharge (cfs)."

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is obtained.

Hardness of water is a physical-chemical characteristic attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Land surface datum (lsd) is a precise datum plane that is approximately at land surface at each ground-water observation well.

Measuring point (MP) is a permanent point from which the distance to the water surface in a well is measured to obtain the water level.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per liter (μg/l, UG/L) is a more precise unit for expressing the concentration of chemical constituents in solution. One thousand micrograms per liter is equivalent to one milligram per liter. See below.

Milligrams per liter (mg/l, MG/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the weight of solute per unit volume of water. Milligrams or micrograms per liter may be converted to milliequivalents (one thousandth of a gram-equivalent weight of a constituent) per liter by multiplying by the factors in table 1, page 5. Concentration of suspended sediment also is expressed in mg/l, and is based on the weight of sediment per liter of water-sediment mixture. Sediment concentrations are determined in the laboratory as parts per million (ppm) and are converted to mg/l by using the factors in table 2, page 5.

Particle size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by sieve and sedimentation methods.

Particle-size classification, used in this report, agrees closely with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Clay:	Smaller than 0.004 mm.
Silt:	Between 0.004 and 0.062 mm.
Sand:	Between 0.062 and 2.0 mm.
Gravel:	Between 2.0 and 64.0 mm.

The particle-size distributions given in this report are not necessarily representative of the particle sizes of sediment in transport in the natural stream. Most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis of the silt and clay.

Table 1.--Factors for conversion of chemical constituents in milligrams or micrograms per liter to milliequivalents per liter

Ion	Multi-ply by	Ion	Multi-ply by
Aluminum (Al^{+3})*	0.11119	Iodide (I^{-1})	0.00788
Ammonia as NH_4^{+1}	.05544	Iron (Fe^{+3})*	.05372
Barium (Ba^{+2})	.01456	Lead (Pb^{+2})*	.00965
Bicarbonate (HCO_3^{-1})	.01639	Lithium (Li^{+1})*	.14411
Bromide (Br^{-1})	.01251	Magnesium (Mg^{+2})	.08226
Calcium (Ca^{+2})	.04990	Manganese (Mn^{+2})*	.03640
Carbonate (CO_3^{-2})	.03333	Nickel (Ni^{+2})*	.03406
Chloride (Cl^{-1})	.02821	Nitrate (NO_3^{-1})	.01613
Chromium (Cr^{+6})*	.11539	Nitrite (NO_2^{-1})	.02174
Cobalt (Co^{+2})*	.03394	Phosphate (PO_4^{-3})	.03159
Copper (Cu^{+2})*	.03148	Potassium (K^{+1})	.02557
Cyanide (CN^{-1})	.03844	Sodium (Na^{+1})	.04350
Fluoride (F^{-1})	.05264	Strontium (Sr^{+2})*	.02283
Hydrogen (H^{+1})	.99209	Sulfate (SO_4^{-2})	.02082
Hydroxide (OH^{-1})	.05880	Zinc (Zn^{+2})*	.03060

---

*Constituent reported in micrograms per liter; multiply by factor and results by 1,000.

Table 2.--Factors for conversion of sediment concentration in parts per million to milligrams per liter*
(All values calculated to three significant figures)

Range of concentration (ppm)	Multi-ply by	Range of concentration (ppm)	Multi-ply by
0 - 15,900	1.00	322,000 - 341,000	1.26
16,000 - 46,800	1.02	342,000 - 361,000	1.28
46,900 - 76,500	1.04	362,000 - 380,000	1.30
76,600 - 105,000	1.06	381,000 - 399,000	1.32
106,000 - 133,000	1.08	400,000 - 416,000	1.34
134,000 - 159,000	1.10	417,000 - 434,000	1.36
160,000 - 185,000	1.12	435,000 - 451,000	1.38
186,000 - 210,000	1.14	452,000 - 467,000	1.40
211,000 - 233,000	1.16	468,000 - 483,000	1.42
234,000 - 256,000	1.18	484,000 - 498,000	1.44
257,000 - 279,000	1.20	499,000 - 514,000	1.46
280,000 - 300,000	1.22	515,000 - 528,000	1.48
301,000 - 321,000	1.24	529,000 - 542,000	1.50

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*Based on water density of 1.000 g/ml and sediment density of 2.65 g/cc.

Runoff in inches (IN.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment discharge is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight, or by volume, that is discharged in a given time. It is computed by multiplying discharge times mg/l times 0.0027.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/l).

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimeter at 25°C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be used for approximating the dissolved-solids content in the water. Commonly, the amount of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream or from well to well, and it may even vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height and the amount of water flowing in a channel, expressed as volume per unit of time.

Thermograph is a thermometer that continuously and automatically records, on a chart, the water temperature of a stream. "Temperature recorder" is the term used to indicate the presence of a thermograph or a digital mechanism that automatically records water temperatures on paper tape.

WRD is used as an abbreviation for "Water-Resources Data" in the summary REVISIONS paragraph to refer to previously published state annual basic-data reports.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins. which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

International Hydrological Decade (IHD) River Stations provide a general index of runoff and materials in the water balance (discharge of water, and dissolved and transported solids) of the world. In the United States, IHD Stations provide indices of runoff and of the general distribution of water in the principal river basins of the conterminous United States and Alaska.

Pesticide program is a network of regularly sampled water-quality stations where additional monthly samples are collected to determine the concentration and distribution of pesticides in streams whose waters are used for irrigation or in streams in areas where potential contamination could result from the application of the commonly used insecticides and herbicides.

Radiochemical program is a network of regularly sampled water-quality stations where additional samples are collected twice a year (at high and low flow) to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

DOWNSTREAM ORDER AND STATION NUMBER

Records are listed in a downstream direction along the main stream, and stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner. In the lists of gaging stations and water-quality stations in the front of this report the rank of tributaries is indicated by indention, each indention representing one rank.

As an added means of identification, each gaging station, partial-record station, and water-quality station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and continuous-record gaging stations; therefore, the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Water-quality stations located at or near gaging stations or partial-record stations have the same number as the gaging or partial-record station. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station, such as 02175000, which appears just to the left of the station name includes the 2-digit part number "02" plus the 6-digit downstream order number "175000." In this report, the records are listed in downstream order by parts. All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in the basin.

WELL NUMBERS

The well numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The number consists of 14 digits and one letter. The first 6 digits denote the degrees, minutes, and seconds of latitude followed by a letter denoting north or south. Seven digits following the letter denote degrees, minutes, and seconds of longitude. The last digit is a sequential number for wells within a 1-second grid. The system provides the geographic location of the well and a unique number for each well.

EXPLANATION OF SURFACE-WATER DATA

Collection and computation of data

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from direct reading on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at 15-, 30-or 60-minute intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey on the basis of experience in stream gaging since 1888. These methods are described in standard textbooks, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6. Surface areas of lakes or reservoirs are determined from instrument surveys using standard methods. The configuration of the reservoir bottom is determined by sounding at many points.

For a stream-gaging station, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves defined by discharge measurements. If extensions to the rating curves are necessary to define the extremes of discharge, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), velocity-area studies, and logarithmic plotting. The application of the gage height to the rating table gives the discharge. The daily mean discharge is computed from gage heights, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is determined by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in determining discharge. Information required for determining the slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in determining discharge.

For a lake or reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents are computed. Discharge over spillways is computed from a stage-discharge relation curve defined by discharge measurements.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, adjoining good record, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of basic data. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or table showing the daily contents is given. Records are published for the water year, which begins on October 1 and ends on September 30. A calendar for the 1972 water year is shown on the reverse side of the front cover to facilitate finding the day of the week for any date.

The description of the gaging stations gives the location, drainage area, period of record, type and history of gages, average discharge, extremes of discharge or contents, notations of revisions of previously published records, and general remarks. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD." The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey unless otherwise qualfied. The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE;" it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period cause the figure to have little significance. In addition, the median of yearly mean discharges is given for stream-gaging stations having 10 or more complete years of record if the median differs from the average by more than 10 percent. The maximum discharge (or contents) and the maximum gage height, the minimum discharge if there is little or no regulation (or minimum contents) and the minimum gage height if it is significant are given under "EXTREMES." The minimum daily discharge is given if there is extensive regulation (also the minimum discharge and gage height if they are abnormally low). In the first paragraph headed "Current year," the data given are for the complete current water year unless otherwise specified. In the second paragraph under "EXTREMES" headed "Period of record:" the data given are for the period of record given in PERIOD OF RECORD paragraph. Reliable information concerning major floods that occurred outside the period of record is given in the third or last paragraph under "EXTREMES." Unless otherwise qualified, the maximum discharge (or contents) corresponds to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur at the same time as the maximum discharge (or contents), it is given separately. Information pertaining to the accuracy of the discharge records, to conditions that affect the natural flow at the gaging station, and availability of Water Quality records, is given under "REMARKS;" for reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir, is also under "REMARKS."

Previously published records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISIONS (WATER YEARS)" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge were revised, that fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and

"(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

Skeleton rating tables are published for stream-gaging stations where they serve a useful purpose and the dates of applicability can be easily identified.

Skeleton capacity tables are published for all reservoirs for which records of contents are published on a daily basis.

The daily table for stream-gaging stations gives the discharge corresponding to the daily mean gage height unless there are large or rapid changes in the discharge during a day. For days having large or rapid changes, discharge for the day is computed by averaging the mean discharge for several parts of a day. For digital recorders, the daily mean discharge is always the average of the discharges at each punched reading. For stations equipped with nonrecording gages, the daily discharge corresponds to once-daily readings of the gage or to the mean of twice-daily reading; but for periods of rapidly changing stage the discharge is determined from a gage-height graph based on gage readings.

The daily tables for reservoir stations give the contents corresponding to the water-surface elevation at a given time, usually at 2400 each day. For some reservoirs the elevation at a given time is given in the daily table.

The monthly summary is given below the daily table. For stream-gaging stations the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX." and "MIN." give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM."), or in inches (line headed "IN."). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation of diversion, if the drainage area includes large noncontributing areas, or if the average rainfall on the drainage basin is usually less than 20 inches.

For reservoir stations, the monthly summary gives the elevation (or gage height) at the end of the month and the change in contents during the month. If elevation or gage height is given in the daily table, the monthly summary gives the contents at the end of the month, rather than the elevation or gage height.

In the yearly summary below the monthly summary, the figures of maximum are the maximum daily discharges for the calendar and water years; likewise, the minimums in this summary are minimum daily discharges.

For reservoir stations the yearly summary gives the change in contents for the calendar year and for the water year. For some reservoirs the yearly evaporation also is included.

Peak discharges and their times of occurrence and corresponding gage heights for many stations are listed below the yearly summary. All independent peaks above the selected base are given. The base discharge, which is given in parentheses, is selected so that an average of about three peaks a year can be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330.

In a general footnote, introduced by the word "NOTE," certain periods are indicated for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-discharge relation, or of any other unusual condition at the gage are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs. Footnotes to reservoir tables explain the use of new capacity tables or for other special conditions.

Accuracy of Data

The accuracy of discharge data depends primarily on (1) the stability of the stage-discharge relation, or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretation of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges is within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumptive use, regulation, evaporation or other factors. For these stations, discharge in cubic feet per second per square mile and runoff in inches are not published unless satisfactory adjustments can be made for such effects. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or unadjusted losses (consumptive use, evaporation, seepage, etc.) are large in comparison with the observed discharge.

Publications

In each water-supply paper entitled, "Surface Water Supply of the United States" there is a list of numbers of preceding water-supply papers containing streamflow information for the area covered by that report. In addition, there is a list of numbers of water-supply papers containing detailed information on major floods in the area. Records for stations in South Carolina for the period October 1960 to September 1965 are in Water-Supply Paper 1904.

Two series of summary reports entitled, "Compilation of Records of Surface Waters of the United States" have been published; the first series covers the entire period of record through September 1950 and the second series covers the period October 1950 to September 1960. These reports contain summaries of monthly and annual discharge and monthend storage for all previously published records, as well as some records not contained in the annual series of water-supply papers. All records were reexamined and revised where warranted. Estimates of discharge were made to fill short gaps whenever practical. The yearly summary table for each gaging station lists the numbers of the water-supply papers in which daily records were published for that station.

Records for stations in South Carolina are compiled in Water-Supply Paper 1303 through September 1950, and in 1723 for October 1950 to September 1960.

Special reports on major floods or droughts or of other hydrologic studies for the area have been issued in publications other than water-supply papers. Information relative to these reports may be obtained from the district office.

Other Data Available

Data collected at partial-record stations are given at the end of the surface-water records in this report. The table gives the annual maximum stage and discharge at crest-stage stations.

Information of a more detailed nature than that published for most of the gaging stations, such as discharge measurements, gage-height records, and rating tables, is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

EXPLANATION OF WATER-QUALITY DATA

Collection and examination of data

Water samples for analyses usually are collected at or near gaging stations. The discharge records at these stations are used in conjunction with the computations of the chemical constituents and sediment loads in this report.

Descriptive statements are given for water-quality stations located at or near streamflow stations. Given are location, drainage area, periods of record for the various water-quality data, extremes of pertinent data, and general remarks, in a format similar to that used for streamflow gaging stations. For ground-water stations, no descriptive statements are given; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water.

Data on the quality of surface water were collected from designated sampling sites (map on page 24) at predetermined intervals such as once daily, weekly, monthly, or less frequently.

Water-quality information is presented for chemical quality, microbiological, water temperature, and fluvial sediment. Chemical quality includes concentrations of individual dissolved constituents and certain properties or characteristics such as hardness, specific conductance, and pH. Microbiological information includes quantitative identification of certain bacteriological indicator organisms. Water-temperature data represent once-daily observations except for stations where a continuous temperature recorder furnished information from daily minimums and maximums are obtained. Fluvial-sediment information is given for suspended-sediment discharges and concentrations and for particle-size distribution of suspended sediment.

Prior to the 1968 water year, data for chemical constituents and concentration of suspended sediment were reported in parts per million (ppm) and water temperatures were reported in degrees Fahrenheit (°F). In October 1967 the U.S. Geological Survey began to use the metric system; data for chemical constituents and concentrations of suspended sediment are now reported in milligrams per liter (mg/l) and water temperatures are given in degrees Celsius (centigrade, °C). In waters with a density of 1.000 g/ml (grams per milliliter), parts per million and milligrams per liter can be considered equal. In waters with a density greater than 1.000 g/ml, values in parts per million should be multiplied by the density to convert to milligrams per liter. To convert temperatures in degrees Fahrenheit to degrees Celsius, see table 3, page 17.

In October 1968, the Geological Survey began reporting many of the chemical constituents as well as the minor elements in micrograms per liter instead of milligrams per liter. (See "Definition of Terms," p. 2.).

Solutes

The methods of collecting and analyzing water samples for determining the kinds and concentrations of solutes are described by Brown, Skougstad, and Fishman (1970). One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogenous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled at several verticals across the channel to determine accurately the solute load.

Ground-water quality does not change significantly during short periods of time; infrequent sampling and analysis of ground water adequately define ground-water quality at a given site.

Table 3.--Degrees Fahrenheit (°F) to degrees Celsius (°C)*
(Temperature reported to nearest 0.5°C)

°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
32	0.0	50	10.0	68	20.0	86	30.0	104	40.0
33	.5	51	10.5	69	20.5	87	30.5	105	40.5
34	1.0	52	11.0	70	21.0	88	31.0	106	41.0
35	1.5	53	11.5	71	21.5	89	31.5	107	41.5
36	2.0	54	12.0	72	22.0	90	32.0	108	42.0
37	3.0	55	13.0	73	23.0	91	33.0	109	43.0
38	3.5	56	13.5	74	23.5	92	33.5	110	43.5
39	4.0	57	14.0	75	24.0	93	34.0	111	44.0
40	4.5	58	14.5	76	24.5	94	34.5	112	44.5
41	5.0	59	15.0	77	25.0	95	35.0	113	45.0
42	5.5	60	15.5	78	25.5	96	35.0	114	45.5
43	6.0	61	16.0	79	26.0	97	36.0	115	46.0
44	6.5	62	16.5	80	26.5	98	36.5	116	46.5
45	7.0	63	17.0	81	27.0	99	37.0	117	47.0
46	8.0	64	18.0	82	28.0	100	38.0	118	48.0
47	8.5	65	18.5	83	28.5	101	38.5	119	48.5
48	9.0	66	19.0	84	29.0	102	39.0	120	49.0
49	9.5	67	19.5	85	29.5	103	39.5	121	49.5

*C = 5/9 (°F - 32) or °F = 9/5 (°C) + 32.

Temperature

Water temperatures are measured at most of the water-quality stations. For daily stations, the water temperatures are taken about the same time each day when sample is collected. Large streams have a small diurnal temperature change while small, shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where continuously recording thermographs are present, the records consist of maximum and minimum temperatures for each day and the monthly averages.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross-section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross-sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the sub-divided day method. For periods when no samples are collected, daily loads of suspended sediment are estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples are collected periodically at many verticals in the stream cross-section. Although data collected periodically may represent conditions only at the time of observation, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of periodic measurements of the particle-size distribution of the suspended sediment are included.

Publications

The annual series of water-supply papers that contain information on quality of surface waters in South Carolina are listed below.

Water year	WSP No.	Water year	WSP No.
1941	942	1955	1400
1942	950	1956	1450
1943	970	1957	1520
1944	1022	1958	1571
1945	1030	1959	1641
1946	1050	1960	1741
1947	1102	1961	1881
1948	1132	1962	1941
1949	1162	1963	1947
1950	1186	1964	1954
1951	1197	1965	1961
1952	1250	1966	1991
1953	1290	1967	2011
1954	1350	1968	2092

EXPLANATION OF GROUND-WATER DATA

Collection and Reporting of Data

South Carolina is a water-rich area of the United States and as such has a tremendous potential for the development of its ground-water resources. It is necessary however, that this resource be developed along sound geologic and hydrologic guidelines.

Ground-water data can be divided generally into two types--geologic and hydrologic. The geology of an area forms the framework for the hydrology. Therefore, for a complete knowledge of the ground-water conditions both types of data are essential. Geologic data are collected mostly from well cuttings and cores obtained during drilling. Potential water zones, lithology and stratigraphy are verified from certain geophysical logs. Hydrologic data are obtained from water levels, pumping levels, and pumping tests. The combined geologic and hydrologic data give some clues to the ground-water resources of the area.

A network of observation wells have been established throughout the State that are equipped with continuous water-level recording devices which monitor the fluctuations of the water surface in the various aquifers. The record of water levels for eight wells has been compiled and included in this report.

HYDROLOGIC CONDITIONS

Streamflow during the 1972 water year was generally above normal over the state. Flows during October through June, except for December and March, were excessive (in the highest 25 percent of record) for the eastern section. Accumulative runoff for the water year at Lynches River at Effingham, as compared with the normal, was excessive by 3.18 inches.

The water year began with streamflow below normal. Some areas of the State received more than double the normal precipitation during October, January and June resulting in notable peaks. Precipitation was sparse during August and September causing below normal streamflow conditions.

Figure 3, on page 25, for which record of one long-term representative gaging station was used, shows a comparison of the monthly and yearly mean discharges for the 1972 water year with the corresponding median discharges for the water years 1931-60.

Ground water conditions in South Carolina during 1972 water year have not changed markedly throughout the State. Locally in areas of heavy pumping declines in the potentrometric surface of the water have occurred especially where wells are closely spaced together and the stress on the system is beyond the capacity of the aquifer. However, this condition has not resulted in a permanent dewatering of the aquifer. Even in areas of heavy withdrawals of ground water by pumping during the summer months, the downward water level trend is reversed and fluctuates upward during periods of lighter off-season pumping.

Recharge to the unconfined water table aquifers from precipitation is rapidly seen in the rise of water levels in shallow wells as is decline during periods of drought. Recharge to the deeper confined artesian aquifers which furnish most of the water to the municipal and industrial wells in the State is not readily reflected in the rise or decline of the pressure head during wet or dry periods.

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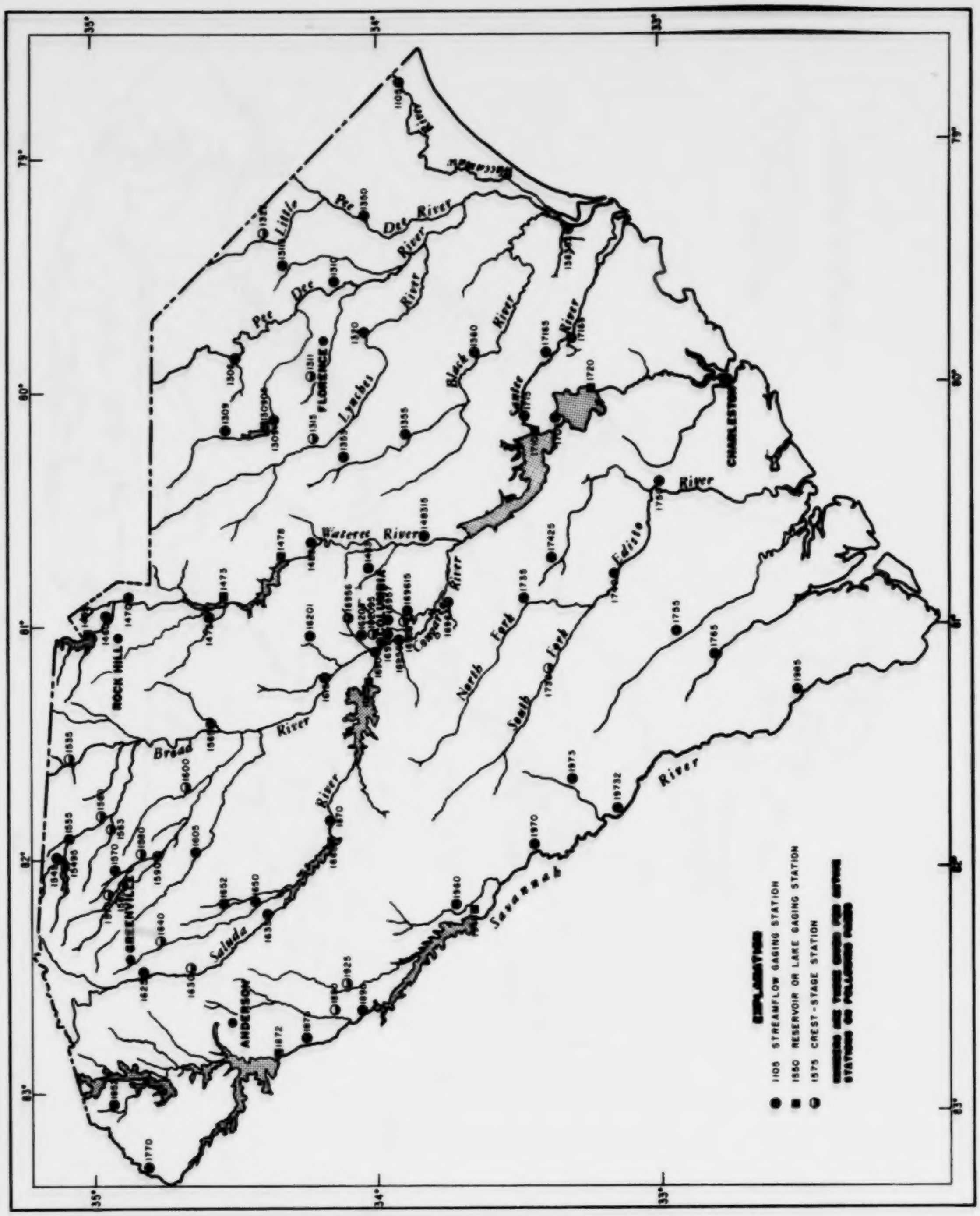
EXPLANATION
● 1105 STREAMFLOW GAGING STATION
■ 1550 RESERVOIR OR LAKE GAGING STATION
◐ 1575 CREST-STAGE STATION
35°
34°
33°
79°
80°
81°
82°
83°
ROCK HILL
FLORENCE
CHARLESTON
GREENVILLE
ANDERSON
Little Pee Dee River
Pee Dee River
Lynches River
Black River
Santee River
Wateree River
Congaree River
Broad River
Saluda River
North Fork
South Fork
Edisto River
Savannah River

Figure 1. Map of South Carolina showing location of active gaging stations.

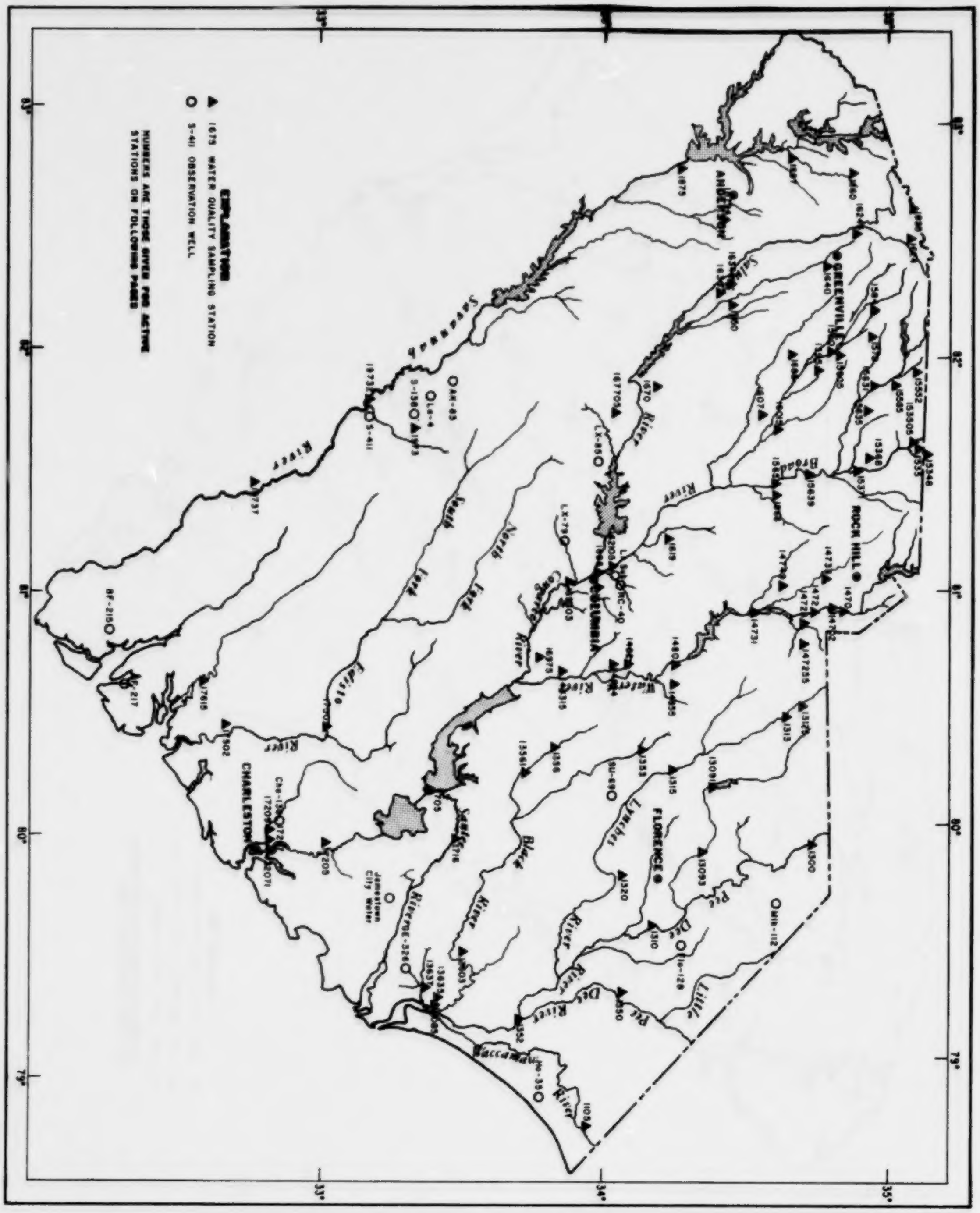
EXPLANATION
▲ 1675 WATER QUALITY SAMPLING STATION
○ S-411 OBSERVATION WELL
NUMBERS ARE THOSE GIVEN FOR ACTIVE STATIONS ON FOLLOWING PAGES
ANDERSON
GREENVILLE
ROCK HILL
COLUMBIA
FLORENCE
CHARLESTON
Jamestown City Water
Savannah River
Saluda River
Broad River
Congaree River
Wateree River
North Fork
South Fork
Edisto River
Santee River
Black River
Lynches River
Pee Dee River
Little Pee Dee River
Waccamaw River
33°
34°
35°
83°
82°
81°
80°
79°

Figure 2. Map of South Carolina showing locations of active water quality stations and ground water wells.

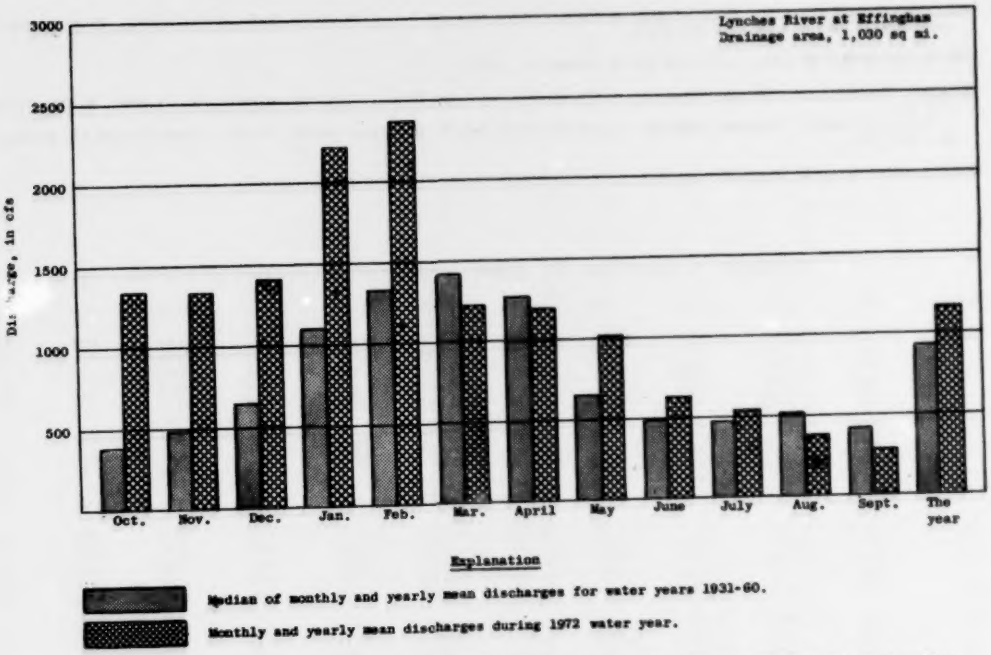

Figure 3. Comparison of discharge at one long-term representative gaging station during 1972 water year with median discharge for water years 1931-60.

WACCAMAW RIVER BASIN

02110500 Waccamaw River near Longs, S.C.

LOCATION.—Lat 33°54'45", long 78°42'55", Horry County, near right bank on downstream side of bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 miles southeast of Longs, and at mile 85.4.

DRAINAGE AREA.—1,110 sq mi, approximately.

PERIOD OF RECORD.—March 1950 to current year.

GAGE.—Water-stage recorder. Datum of gage is 5.28 ft above mean sea level (levels by Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.—22 years, 1,181 cfs (14.45 inches per year).

EXTREMES.—Current year: Maximum discharge, 6,100 cfs Feb. 14 (gage height, 12.19 ft); minimum, 66 cfs Sept. 30 (gage height, 1.37 ft).

Period of record: Maximum discharge, 11,100 cfs about July 6, 1961 (gage height, 13.94 ft, from floodmark); minimum, 1 cfs Oct. 14, 1954.

REMARKS.—Records good, except for periods of no gage-height record which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	588	3,560	700	660	2,500	2,830	1,130	244	492	400	369	139
2	672	3,470	720	940	3,080	2,630	1,150	222	491	344	360	146
3	678	3,370	760	910	3,390	2,450	1,160	206	494	290	339	144
4	644	3,150	780	980	4,080	2,260	1,150	215	507	247	315	140
5	624	2,900	810	580	4,160	2,110	1,140	215	526	215	294	144
6	615	2,660	860	570	4,220	1,950	1,130	216	557	258	274	159
7	607	2,450	900	540	4,500	1,830	1,130	227	607	261	254	178
8	594	2,230	940	520	4,820	1,710	1,120	240	642	235	242	193
9	583	2,060	980	510	5,080	1,610	1,110	283	662	211	233	206
10	747	1,900	1,000	500	5,220	1,520	1,090	357	674	196	209	214
11	873	1,760	1,010	490	5,280	1,430	1,070	424	682	292	199	216
12	891	1,650	1,020	490	5,340	1,350	1,040	500	676	678	187	213
13	899	1,540	1,020	520	5,920	1,270	1,000	581	656	802	171	205
14	902	1,440	1,020	583	6,030	1,190	963	676	620	837	156	195
15	902	1,340	1,020	873	5,820	1,120	918	754	572	839	144	181
16	977	1,250	1,010	1,100	5,540	1,060	875	791	513	825	135	168
17	1,130	1,150	1,000	1,170	5,440	1,020	830	794	446	805	134	154
18	1,160	1,070	1,000	1,280	5,360	966	787	780	382	787	132	147
19	1,150	992	990	1,420	5,280	913	745	758	323	772	131	139
20	1,150	910	980	1,570	5,060	862	701	728	298	752	129	126
21	1,230	832	940	1,750	4,780	822	654	692	364	728	125	118
22	1,450	761	920	1,980	4,520	868	605	660	399	695	116	113
23	1,940	690	900	2,200	4,280	893	557	624	406	660	109	107
24	2,590	650	870	2,310	4,060	888	505	590	419	615	103	101
25	3,130	708	840	2,360	3,850	896	455	562	440	564	99	94
26	3,400	692	800	2,370	3,670	958	408	538	462	510	94	87
27	3,420	666	780	2,370	3,470	992	368	523	479	462	89	80
28	3,460	650	760	2,370	3,260	1,020	329	511	486	426	86	75
29	3,490	660	740	2,400	3,040	1,040	296	500	479	426	126	71
30	3,560	690	700	2,520	------	1,050	269	488	447	406	176	67
31	3,590	------	680	2,560	------	1,090	------	486	------	381	151	------
TOTAL	47,646	47,851	27,450	41,316	131,050	42,590	24,685	15,385	15,201	15,919	5,681	4,320
MEAN	1,537	1,595	885	1,333	4,519	1,374	823	496	507	514	183	144
MAX	3,590	3,560	1,020	2,560	6,030	2,830	1,160	794	682	839	369	216
MIN	583	650	680	490	2,500	822	269	206	298	196	86	67

CAL YR 1971 TOTAL 715,525 MEAN 1,960 MAX 8,250 MIN 114
WTR YR 1972 TOTAL 419,094 MEAN 1,145 MAX 6,030 MIN 67

Note.—No gage-height record Dec. 1 to Jan. 12.

02130600 Cedar Creek at Society Hill, S.C.

LOCATION.--Lat 34°31'30", long 79°51'05", Darlington County, on upstream side of old highway bridge, 300 ft below U.S. Highway 52, 0.3 mile upstream from Seaboard Coast Line Railroad, at Society Hill, and at mile 1.70.

DRAINAGE AREA.--55 sq mi, approximately.

PERIOD OF RECORD.--October 1970 to current year. Occasional low-flow measurements, water years 1949-65.

GAGE.--Water-stage recorder. Altitude of gage is 70 ft (from topographic map).

EXTREMES.--Current year: Maximum discharge, 554 cfs Oct. 3 (gage height, 7.43 ft); maximum gage height, 10.78 ft June 25 (backwater from Pee Dee River); minimum daily, 24 cfs Sept. 15-17.
Period of record: Maximum discharge, that of Oct. 3, 1971; maximum gage height, that of June 25, 1972; minimum daily, 18 cfs July 18, 1971.

REMARKS.--Records good except those for periods of backwater, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	120	118	88	128	124	142	59	106	85	79	96
2	341	110	112	87	176	114	159	56	117	79	86	62
3	526	100	113	86	235	108	149	60	99	56	84	50
4	403	100	125	86	360	104	120	77	75	42	60	40
5	257	100	138	87	468	101	105	102	59	45	48	35
6	169	100	154	88	344	98	106	129	52	75	45	32
7	131	100	164	87	215	96	101	105	61	86	45	32
8	112	100	160	86	164	95	103	79	69	91	44	30
9	101	95	144	84	142	94	104	73	70	79	42	28
10	113	95	128	92	133	93	105	78	60	52	51	27
11	146	95	118	147	125	92	106	84	49	42	68	26
12	161	95	113	279	122	91	102	80	45	42	67	25
13	176	95	112	309	144	90	98	62	42	54	54	26
14	141	90	113	348	150	90	94	62	40	74	46	25
15	114	90	111	354	148	89	92	77	38	81	41	24
16	135	90	100	298	144	93	88	121	37	75	37	24
17	215	90	107	214	131	115	84	274	36	60	36	24
18	337	89	106	168	122	120	79	176	35	56	37	35
19	257	88	104	143	130	125	75	73	36	74	36	60
20	190	88	105	131	136	130	72	86	49	85	36	65
21	130	88	109	127	143	116	71	93	90	71	37	50
22	120	88	109	126	141	113	71	101	100	52	33	35
23	120	87	108	125	125	114	82	112	100	44	30	32
24	140	94	106	124	113	113	82	110	90	53	30	30
25	220	128	102	121	110	115	78	117	80	70	33	28
26	240	140	97	116	111	115	70	127	65	79	34	28
27	210	172	94	111	121	111	67	135	50	76	39	27
28	170	171	92	107	125	110	63	134	45	77	47	32
29	150	142	91	105	132	109	61	109	41	84	85	45
30	130	128	89	110	------	108	60	90	73	80	114	70
31	120	------	88	122	------	128	------	98	------	77	129	------
TOTAL	5,853	3,177	3,530	4,556	4,838	3,314	2,789	3,139	1,909	2,096	1,653	1,143
MEAN	189	106	114	147	167	107	93.0	101	63.6	67.6	53.3	38.1
MAX	526	172	164	354	468	130	159	274	117	91	129	96
MIN	78	87	88	84	110	89	60	56	35	42	30	24
CFSM	3.44	1.93	2.07	2.67	3.04	1.95	1.69	1.84	1.16	1.23	.97	.69
IN.	3.96	2.15	2.39	3.08	3.27	2.24	1.89	2.12	1.29	1.42	1.12	.77

CAL YR 1971 TOTAL 43,811 MEAN 120 MAX 800 MIN 18 CFSM 2.18 IN 29.63
WTR YR 1972 TOTAL 38,006 MEAN 104 MAX 526 MIN 24 CFSM 1.89 IN 25.71

Note.--Backwater from Pee Dee River June 21-30.

02130900 Black Creek near McBee, S.C.

LOCATION.—Lat 34°30'50", long 80°11'00", Chesterfield County, near right bank at downstream side of bridge on U.S. Highway 1, 0.2 mile upstream from Little Alligator Creek, 5.3 miles northeast of McBee, and at mile 59.1.

DRAINAGE AREA.—108 sq mi.

PERIOD OF RECORD.—October 1959 to current year. Occasional low-flow measurements, water years 1956-59.

GAGE.—Water-stage recorder. Datum of gage is 224.72 ft above mean sea level. Prior to Dec. 22, 1959, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.—13 years, 172 cfs (21.63 inches per year).

EXTREMES.—Current year: Maximum discharge, 930 cfs Oct. 4 (gage height, 10.06 ft); minimum, 38 cfs Sept. 16.
Period of record: Maximum discharge, 1,120 cfs Aug. 19, 1971 (gage height, 10.44 ft); minimum, 21 cfs Sept. 25, 1968 and Oct. 3, 1968.
A discharge of 19.9 cfs was measured on Sept. 18, 1956.

REMARKS.—Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	280	242	192	236	221	238	119	108	79	166	65
2	401	270	235	188	290	216	243	121	104	84	186	70
3	578	250	239	188	375	206	256	128	96	68	141	76
4	890	240	252	187	471	202	229	134	90	62	93	59
5	682	243	256	186	516	195	202	151	84	113	114	50
6	426	246	262	184	447	182	195	162	73	133	102	53
7	306	243	284	181	390	172	211	144	110	131	88	52
8	244	238	294	177	332	172	205	129	110	137	87	49
9	224	230	300	175	286	176	201	157	96	99	81	46
10	259	228	296	218	266	178	211	164	79	85	114	44
11	308	224	280	262	252	178	254	167	70	74	114	42
12	284	221	260	322	240	179	239	160	65	78	97	41
13	294	218	244	511	252	177	210	129	63	79	79	43
14	315	217	236	692	255	175	201	134	72	74	70	40
15	282	216	230	596	254	168	199	150	95	73	64	39
16	322	212	228	459	264	165	187	169	91	68	61	39
17	358	209	228	399	261	202	170	181	70	64	60	39
18	360	206	228	332	246	214	166	191	70	121	60	62
19	402	205	227	280	243	236	162	180	72	158	59	100
20	375	206	233	254	250	267	156	143	75	159	57	110
21	322	214	255	243	246	238	143	144	80	174	54	75
22	290	214	255	230	244	227	135	143	100	174	50	57
23	282	210	239	226	242	216	143	188	115	163	48	52
24	286	217	232	242	230	221	151	193	140	128	46	49
25	472	239	228	258	221	236	151	144	160	83	44	47
26	608	236	221	246	221	220	138	140	150	71	43	45
27	548	230	214	230	227	212	141	130	130	133	46	44
28	432	242	206	223	224	229	156	131	110	133	48	54
29	384	252	202	216	221	229	135	126	95	154	50	86
30	338	250	197	217	------	218	122	115	80	140	55	129
31	304	------	194	229	------	230	------	105	------	143	60	------
TOTAL	11,738	6,906	7,497	8,543	8,202	6,357	5,550	4,572	2,853	3,435	2,437	1,757
MEAN	379	230	242	276	283	205	185	147	95.1	111	78.6	58.6
MAX	890	280	300	692	516	267	256	193	160	174	186	129
MIN	162	205	194	175	221	165	122	105	63	62	43	39
CFSM	3.51	2.13	2.24	2.56	2.62	1.90	1.71	1.36	.88	1.03	.73	.54
IN.	4.04	2.38	2.58	2.94	2.83	2.19	1.91	1.57	.98	1.18	.84	.61

CAL YR 1971 TOTAL 92,229 MEAN 253 MAX 1,070 MIN 79 CFSM 2.34 IN 31.77
WTR YR 1972 TOTAL 69,847 MEAN 191 MAX 890 MIN 39 CFSM 1.77 IN 24.06

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-04	1200	10.06	930	1-14	1200	9.50	716
10-26	1900	9.39	636	2-05	1200	9.12	528

02130910 Black Creek near Hartsville, S.C.

LOCATION.--Lat 34°23'50", long 80°09'00", Darlington County, at downstream side of highway bridge, 1,000 ft downstream from dam at H.B. Robinson steam electric plant, 2.1 miles upstream from Beaverdam Creek, 4.6 miles west of Hartsville, and at mile 49.9.

DRAINAGE AREA.--173 sq mi.

PERIOD OF RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 180 ft (from topographic map).

AVERAGE DISCHARGE.--12 years, 236 cfs (18.53 inches per year).

EXTREMES.--Current year: Maximum discharge, 915 cfs Jan. 14 (gage height, 8.21 ft); minimum, 80 cfs Sept. 17.
Period of record: Maximum discharge, 2,010 cfs Aug. 18, 1971 (gage height, 10.08 ft); minimum, 51 cfs July 14, 1970.

REMARKS.--Records fair. Some regulation by storage in steam electric plant reservoir above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	235	385	310	266	312	299	305	166	204	176	190	113
2	574	376	310	260	338	290	302	165	187	167	200	112
3	639	367	310	259	414	290	299	184	178	152	200	109
4	654	346	315	252	400	283	297	194	170	160	208	108
5	716	322	315	255	428	276	293	190	164	180	200	113
6	700	313	320	250	512	260	283	182	163	170	185	109
7	492	313	332	242	613	247	270	185	184	178	177	104
8	254	299	346	239	514	246	284	198	173	172	177	99
9	219	290	348	237	374	238	269	210	165	172	163	97
10	321	287	352	258	367	234	260	230	162	173	174	93
11	385	280	354	284	352	229	258	219	149	165	169	86
12	402	276	356	308	348	227	272	211	140	154	166	85
13	363	279	358	389	348	230	273	203	130	146	160	83
14	274	276	340	738	348	227	269	212	126	141	157	83
15	312	272	325	740	336	229	260	220	124	138	149	81
16	412	280	318	577	338	228	248	229	126	134	140	80
17	606	280	318	383	338	252	245	229	124	141	130	80
18	486	280	310	397	338	258	229	233	121	142	125	80
19	367	280	298	395	344	263	221	237	121	152	122	85
20	378	280	299	380	332	273	214	233	142	167	122	91
21	400	280	305	371	318	284	212	225	191	172	115	93
22	428	280	312	358	318	304	205	229	211	183	109	93
23	462	280	305	350	315	305	198	234	223	199	105	92
24	374	280	299	332	315	290	192	243	241	200	101	90
25	407	290	298	334	315	290	191	247	253	190	98	90
26	456	290	292	325	318	292	183	247	253	170	98	90
27	559	300	287	316	323	287	176	234	228	160	96	90
28	651	300	284	310	315	284	170	213	200	160	96	94
29	556	300	281	312	305	287	171	204	188	170	98	95
30	374	300	270	313	-------	296	170	204	198	170	104	100
31	385	-------	273	316	-------	310	-------	214	-------	180	107	-------
TOTAL	13,841	8,981	9,740	10,746	10,536	8,308	7,219	6,624	5,239	5,134	4,441	2,818
MEAN	446	299	314	347	363	268	241	214	175	166	143	93.9
MAX	716	385	358	740	613	310	305	247	253	200	208	113
MIN	219	272	270	237	305	227	170	165	121	134	96	80
CFSM	2.58	1.73	1.82	2.01	2.10	1.55	1.39	1.24	1.01	.96	.83	.54
IN.	2.98	1.93	2.09	2.31	2.27	1.79	1.55	1.42	1.13	1.10	.95	.61

CAL YR 1971 TOTAL 113,560 MEAN 311 MAX 1,230 MIN 86 CFSM 1.80 IN 24.42
WTR YR 1972 TOTAL 93,627 MEAN 256 MAX 740 MIN 80 CFSM 1.48 IN 20.13

02131000 Pee Dee River at Peedee, S.C.
(International hydrological decade station)

LOCATION.--Lat 34°12'15", long 79°32'55", Marion County, in pier of bridge on U.S. Highway 76 at Peedee, 0.2 mile downstream from Seaboard Coast Line Railroad bridge, 8.2 miles downstream from Black Creek, and at mile 100.2.

DRAINAGE AREA.--8,830 sq mi, approximately.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1947, published as "near Mars Bluff." Gage-height records collected at practically same sites since 1923 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 24.73 ft above mean sea level. Prior to Oct. 1, 1947, at site 1.6 miles downstream at datum 23.46 ft above mean sea level.

AVERAGE DISCHARGE.--34 years, 9,274 cfs (14.26 inches per year).

EXTREMES.--Current year: Maximum discharge, 47,200 cfs June 29 (gage height, 24.09 ft, from maximum indicator); minimum daily, 2,080 cfs Aug. 29, Sept. 5.

Period of record: Maximum discharge, 220,000 cfs Sept. 22, 1945 (gage height, 33.30 ft, site and datum then in use), from rating curve extended above 48,000 cfs on basis of discharge measurement of 221,000 cfs at Cheraw; minimum, 700 cfs Sept. 29, 1954 (gage height, 0.60 ft, from graph based on gage readings).

REMARKS.--Records good, except for period of no gage-height record which are fair. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 cu ft. Records of chemical analyses and sediment load are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 1233: Drainage area. WSP 1623: 1933, 1941-51 (monthly and yearly runoff).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9,250	38,900	13,200	10,600	13,200	13,500	12,100	7,600	15,000	25,000	5,510	3,470
2	10,600	36,700	12,800	10,500	13,600	13,000	13,400	5,230	14,400	21,000	5,480	4,740
3	12,900	31,900	12,300	9,910	15,800	12,600	14,600	6,190	13,700	18,000	6,490	4,250
4	14,500	26,200	12,100	9,560	18,500	12,400	14,700	6,990	12,800	17,000	8,000	2,640
5	15,200	22,400	12,000	9,830	21,400	12,300	14,400	8,750	12,200	16,500	8,080	2,080
6	15,100	21,800	12,000	10,100	25,700	12,100	13,900	9,930	10,000	14,000	7,570	2,410
7	14,600	22,000	12,600	9,920	30,300	11,900	13,100	10,400	8,700	13,300	5,670	4,070
8	13,900	21,300	14,500	9,630	33,400	11,700	12,500	10,400	8,600	12,400	3,760	4,090
9	13,500	19,400	15,400	9,570	34,400	11,400	11,900	10,400	8,000	11,600	5,470	4,240
10	12,700	17,700	15,500	9,990	33,000	11,200	9,930	10,400	7,800	10,900	5,780	4,050
11	10,300	16,300	15,200	10,900	29,900	10,800	8,770	10,600	6,500	10,300	6,460	2,460
12	14,800	15,100	14,600	15,200	26,000	8,860	9,470	11,000	5,500	8,920	6,560	2,080
13	17,300	14,200	13,800	18,400	22,600	7,450	10,100	10,900	4,200	8,950	7,030	3,640
14	11,000	13,500	13,100	20,800	20,000	6,190	11,000	10,600	5,600	9,330	4,720	4,670
15	17,300	12,900	12,700	24,900	19,000	7,550	12,100	10,600	6,000	8,590	2,460	4,400
16	15,100	12,300	12,500	29,400	18,700	7,970	12,400	12,700	7,000	6,950	2,690	4,120
17	15,500	11,300	12,500	32,600	18,300	8,020	12,300	16,800	6,300	4,590	4,120	3,910
18	17,100	10,600	12,500	33,700	17,800	9,400	12,000	18,600	5,800	5,400	6,150	2,530
19	20,300	10,200	12,500	32,200	17,200	9,720	11,400	20,100	4,800	8,000	7,470	2,290
20	24,800	9,950	12,500	28,800	17,000	10,000	11,000	22,300	4,200	8,310	6,110	4,380
21	22,600	9,510	12,300	24,400	17,200	9,670	10,700	23,600	7,800	7,940	3,320	4,980
22	21,600	9,670	12,300	20,800	17,300	8,640	10,500	24,000	10,000	7,950	2,350	4,910
23	18,900	9,790	12,800	18,500	17,100	9,040	10,300	23,500	16,300	7,830	4,110	4,790
24	17,800	9,740	13,000	17,300	16,700	10,600	10,200	22,300	18,900	6,830	4,100	3,560
25	17,800	9,790	12,600	16,300	16,200	11,900	8,470	21,200	22,000	4,930	4,410	2,750
26	19,900	10,500	12,100	15,500	15,600	12,000	7,950	19,900	24,800	6,120	4,180	2,550
27	22,600	12,500	11,700	14,800	15,000	11,800	9,370	18,800	31,200	5,980	3,740	4,420
28	26,000	13,400	11,400	14,400	14,500	11,700	9,820	17,600	41,000	6,270	2,340	4,950
29	30,600	13,300	11,200	13,900	14,100	11,600	9,860	16,400	46,000	7,330	2,080	6,590
30	34,800	13,300	11,000	13,400	------	11,500	8,710	15,200	45,000	7,760	2,410	7,550
31	38,000	------	10,800	13,100	------	11,600	------	15,500	------	6,990	2,250	------
TOTAL	566,350	496,150	395,500	528,910	589,500	328,110	336,950	448,490	430,100	314,970	150,870	117,570
MEAN	18,270	16,540	12,760	17,060	20,330	10,580	11,230	14,470	14,340	10,160	4,867	3,919
MAX	38,000	38,900	15,500	33,700	34,400	13,500	14,700	24,000	46,000	25,000	8,080	7,550
MIN	9,250	9,510	10,800	9,560	13,200	6,190	7,950	5,230	4,200	4,590	2,080	2,080
CFSM	2.07	1.87	1.45	1.93	2.30	1.20	1.27	1.64	1.62	1.15	.55	.44
IN.	2.39	2.09	1.67	2.23	2.48	1.38	1.42	1.89	1.81	1.33	.64	.50

CAL YR 1971 TOTAL 5,045,480 MEAN 13,820 MAX 47,300 MIN 3,020 CFSM 1.57 IN 21.26
WTR YR 1972 TOTAL 4,703,470 MEAN 12,850 MAX 46,000 MIN 2,080 CFSM 1.46 IN 19.82

Note.--No gage-height record May 30 to July 6.

02131150 Catfish Canal at Sellers, S.C.

LOCATION.--Lat 34°17'04", long 79°26'32", Marion County, on right downstream wingwall of bridge on State Highway 38, 2.0 miles east of Sellers, 2.3 miles upstream from Stackhouse Creek, and at mile 25.6.

DRAINAGE AREA.--28 sq mi, approximately.

PERIOD OF RECORD.--November 1966 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 75 ft (from topographic map).

AVERAGE DISCHARGE.--5 years, 28.3 cfs (13.73 inches per year).

EXTREMES.--Current year: Maximum discharge 162 cfs Feb. 4 (gage height, 4.51 ft); maximum gage height 4.80 ft, Oct. 2; minimum daily, 1.2 cfs Sept. 26, 27.

Period of record: Maximum discharge, 890 cfs Mar. 4, 1971 (gage height, 9.15 ft); minimum daily, 0.10 cfs Oct. 5, 1968.

REMARKS.--Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	56	29	16	56	20	30	7.0	34	6.0	4.0	8.0
2	129	49	26	16	86	19	40	7.0	16	6.0	3.0	9.0
3	112	45	30	15	106	19	55	8.0	14	6.0	3.0	30
4	80	40	53	15	142	18	40	13	13	10	3.0	20
5	62	36	48	16	97	17	35	15	10	15	3.0	6.0
6	47	33	41	15	76	17	25	14	9.0	30	3.0	3.0
7	39	31	37	14	68	16	23	13	9.0	34	3.0	2.0
8	33	29	34	13	62	15	18	14	9.0	24	3.0	2.4
9	30	27	32	13	56	15	16	17	8.0	18	5.0	2.2
10	53	27	30	22	52	15	15	17	8.0	15	9.0	2.0
11	63	25	24	66	50	14	14	16	7.0	14	25	1.8
12	47	24	25	99	50	14	14	15	6.0	14	35	1.6
13	40	23	28	85	64	13	13	14	6.0	13	10	1.5
14	36	22	27	147	62	12	12	15	5.0	11	5.0	1.4
15	31	21	26	128	54	12	11	13	5.0	9.6	4.0	1.4
16	49	21	25	92	48	10	11	11	5.0	8.5	3.0	1.3
17	65	20	25	72	45	14	10	9.0	5.0	7.6	3.0	1.4
18	49	20	24	64	32	17	10	12	5.0	7.4	2.0	1.9
19	42	20	23	60	56	20	14	12	6.0	7.4	2.0	2.1
20	38	20	24	56	52	22	13	18	10	6.3	2.0	1.5
21	36	19	28	56	45	22	15	22	20	5.4	2.0	3.5
22	48	18	26	56	43	23	14	26	60	4.9	2.0	2.4
23	84	18	23	56	41	23	14	22	25	4.8	1.8	1.8
24	83	23	22	53	40	25	13	19	15	4.4	1.7	1.5
25	102	39	21	49	22	25	8.0	17	10	4.2	1.6	1.4
26	71	33	21	45	22	23	8.0	18	7.0	3.9	1.6	1.2
27	53	30	20	43	20	23	7.0	20	6.0	10	2.6	1.2
28	46	28	19	42	20	23	7.0	18	6.0	5.0	4.4	1.9
29	42	30	18	44	20	23	7.0	16	8.0	5.0	10	4.2
30	43	32	18	55	------	23	7.0	25	6.0	4.0	9.0	2.5
31	68	------	17	60	------	24	------	30	------	4.0	8.0	------
TOTAL	1,753	859	844	1,583	1,587	576	519.0	493.0	353.0	318.4	174.7	122.1
MEAN	56.5	28.6	27.2	51.1	54.7	18.6	17.3	15.9	11.8	10.3	5.64	4.07
MAX	129	56	53	147	142	25	55	30	60	34	35	30
MIN	30	18	17	13	20	10	7.0	7.0	5.0	3.9	1.6	1.2
CFSM	2.02	1.02	.97	1.83	1.95	.66	.62	.57	.42	.37	.20	.15
IN.	2.33	1.14	1.12	2.10	2.11	.77	.69	.65	.47	.42	.23	.16

CAL YR 1971 TOTAL 13,950.9 MEAN 38.2 MAX 755 MIN 5.4 CFSM 1.36 IN 18.53
WTR YR 1972 TOTAL 9,182.2 MEAN 25.1 MAX 147 MIN 1.2 CFSM .90 IN 12.20

PEAK DISCHARGE (BASE, 150 CFS)

Note.--No gage-height record Feb. 25 to Apr. 18, June 2 July 6.

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-14	1430	4.50	161	2-04	0215	4.51	162

02132000 Lynches River at Effingham, S.C.

LOCATION.--Lat 34°03'05", long 79°45'15", Florence County, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad bridge and 1 mile south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 sq mi, approximately.

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site since 1891 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 58.49 ft above mean sea level. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--43 years, 991 cfs (13.07 inches per year).

EXTREMES.--Current year: Maximum discharge, 5,360 cfs Jan. 18 (gage height, 14.21 ft); minimum, 226 cfs Sept. 28.
Period of record: Maximum discharge, 25,000 cfs Sept. 22, 1945 (gage height, 21.21 ft), from rating curve extended above 17,000 cfs; minimum, 94 cfs Oct. 10, 1954.

REMARKS.--Records good. Records of chemical analyses and water temperatures are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	586	2,380	1,160	1,050	1,680	1,520	1,650	598	1,120	654	584	306
2	602	2,620	1,170	1,000	1,810	1,420	1,630	560	1,050	487	542	395
3	612	2,620	1,220	962	2,260	1,350	1,620	610	960	441	578	485
4	612	2,440	1,430	932	2,800	1,310	1,590	765	896	436	592	491
5	652	2,160	1,540	935	3,010	1,300	1,570	827	818	556	552	405
6	724	1,890	1,550	948	3,010	1,260	1,630	841	816	588	501	360
7	818	1,710	1,530	923	2,980	1,220	1,730	832	698	531	441	318
8	908	1,550	1,530	899	3,080	1,170	1,790	809	578	529	395	304
9	1,170	1,440	1,510	882	3,720	1,120	1,750	839	500	588	367	311
10	2,230	1,360	1,460	955	4,130	1,080	1,590	834	459	635	384	306
11	2,500	1,310	1,420	1,360	3,910	1,040	1,400	747	452	667	370	291
12	2,140	1,270	1,410	1,780	3,370	998	1,240	694	441	622	364	273
13	2,180	1,220	1,480	1,980	2,930	962	1,150	685	419	512	376	253
14	1,400	1,140	1,630	2,390	2,630	930	1,130	754	408	437	409	242
15	1,170	1,060	1,820	2,680	2,400	904	1,160	834	393	390	458	234
16	1,080	1,000	1,890	2,840	2,190	892	1,240	972	361	374	409	236
17	1,080	945	1,790	3,580	2,020	972	1,250	1,240	336	408	356	243
18	1,160	908	1,630	5,090	1,880	1,100	1,180	1,500	316	413	354	246
19	1,350	877	1,480	5,220	1,850	1,310	1,090	1,280	305	372	356	241
20	1,500	851	1,380	4,950	1,830	1,330	1,050	1,260	350	372	332	231
21	1,420	829	1,360	4,520	1,870	1,220	978	1,210	459	397	306	226
22	1,370	809	1,320	3,840	1,900	1,230	882	1,250	507	449	297	239
23	1,480	793	1,260	3,220	1,830	1,260	822	1,460	512	509	287	269
24	1,520	807	1,230	2,740	1,720	1,310	751	1,550	578	578	280	266
25	1,700	948	1,250	2,430	1,640	1,380	720	1,440	665	629	266	245
26	1,800	1,020	1,300	2,130	1,610	1,430	716	1,270	754	496	264	235
27	1,710	1,010	1,310	1,850	1,660	1,380	709	1,190	851	576	256	230
28	1,590	1,020	1,290	1,690	1,680	1,310	698	1,220	945	720	253	231
29	1,480	1,060	1,240	1,620	1,620	1,310	654	1,250	1,030	806	309	248
30	1,440	1,140	1,200	1,670	------	1,360	629	1,260	1,010	811	290	276
31	1,870	------	1,130	1,710	------	1,550	------	1,140	------	720	281	------
TOTAL	41,854	40,187	43,920	68,776	69,020	37,928	35,999	31,721	18,987	16,703	11,809	8,636
MEAN	1,350	1,340	1,417	2,219	2,380	1,223	1,200	1,023	633	539	381	288
MAX	2,500	2,620	1,890	5,220	4,130	1,550	1,790	1,550	1,120	811	592	491
MIN	586	793	1,130	882	1,610	892	629	560	305	372	253	226
CFSM	1.31	1.30	1.38	2.15	2.31	1.19	1.17	.99	.61	.52	.37	.28
IN.	1.51	1.45	1.59	2.48	2.49	1.37	1.30	1.15	.69	.60	.43	.31

CAL YR 1971 TOTAL 592,352 MEAN 1,623 MAX 11,200 MIN 324 CFSM 1.58 IN 21.39
WTR YR 1972 TOTAL 425,540 MEAN 1,163 MAX 5,220 MIN 226 CFSM 1.13 IN 15.37

02135000 Little Pee Dee River at Galivants Ferry, S.C.

LOCATION.--Lat 34°03'25", long 79°14'50", Horry-Marion County line, near left bank on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mile downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 sq mi, approximately.

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 23.95 ft above mean sea level. Prior to July 26, 1967, nonrecording gage and crest-stage gage at same site and datum.

AVERAGE DISCHARGE.--31 years, 3,156 cfs (15.36 inches per year).

EXTREMES.--Current year: Maximum discharge, 12,000 cfs Feb. 8 (gage height, 10.02 ft); minimum, 746 cfs Aug. 29 (gage height, 4.43 ft, from indicator).
Period of record: Maximum discharge, 27,600 cfs Oct. 9, 10, 1964 (gage height, 13.01 ft); minimum, 155 cfs Oct. 12, 13, 1954. Maximum stage known, 16.0 ft in September 1928, from floodmark set by local resident.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,900	7,200	2,460	2,900	6,410	6,120	4,620	1,820	2,780	2,200	1,510	980
2	1,950	7,020	2,550	2,860	6,690	5,860	4,670	1,780	2,870	2,200	1,450	960
3	1,980	6,880	2,740	2,800	7,160	5,630	4,700	1,820	2,930	2,200	1,390	940
4	2,310	6,620	2,990	2,740	8,370	5,420	4,640	2,130	2,880	2,170	1,380	920
5	2,800	6,360	3,140	2,670	9,730	5,220	4,530	2,470	2,740	2,190	1,430	910
6	3,240	6,160	3,360	2,600	10,900	5,020	4,440	2,670	2,560	2,190	1,510	880
7	3,670	5,950	3,560	2,550	11,500	4,810	4,340	2,720	2,530	2,080	1,570	860
8	4,110	5,670	3,680	2,460	11,900	4,600	4,230	2,850	2,380	2,040	1,600	820
9	4,600	5,390	3,740	2,360	11,900	4,360	4,070	2,880	2,250	2,040	1,580	800
10	5,190	5,130	3,760	2,370	11,500	4,160	3,940	2,710	2,130	2,050	1,560	790
11	5,400	4,890	3,800	2,590	11,000	3,960	3,820	2,520	2,010	2,070	1,510	770
12	5,500	4,660	3,860	2,800	10,400	3,780	3,710	2,310	1,900	2,070	1,420	830
13	5,630	4,420	3,890	3,150	10,100	3,590	3,590	2,110	1,790	2,060	1,310	880
14	5,640	4,190	3,880	3,740	9,810	3,410	3,450	1,990	1,680	2,010	1,200	840
15	5,590	3,950	3,870	4,280	9,580	3,220	3,320	1,890	1,560	1,950	1,110	830
16	5,930	3,720	3,830	4,750	9,240	3,100	3,190	1,830	1,430	1,890	1,020	820
17	5,980	3,490	3,780	5,350	8,940	3,120	3,050	1,810	1,280	1,860	947	810
18	6,180	3,290	3,710	6,160	8,720	3,060	2,930	1,870	1,140	1,850	900	805
19	6,260	3,080	3,610	7,100	8,690	3,110	2,810	2,020	1,030	1,750	873	800
20	6,120	2,880	3,540	7,910	8,430	3,160	2,710	1,990	1,100	1,650	866	795
21	5,980	2,690	3,530	8,440	8,400	3,180	2,620	2,010	1,270	1,560	833	794
22	6,050	2,510	3,480	8,600	8,320	3,480	2,560	2,070	1,370	1,470	799	777
23	6,210	2,360	3,460	8,610	7,890	3,590	2,520	2,140	1,550	1,410	781	775
24	6,310	2,290	3,410	8,570	7,500	3,790	2,370	2,250	1,720	1,400	776	804
25	6,590	2,290	3,330	8,460	7,200	4,040	2,260	2,370	1,810	1,490	783	856
26	6,830	2,220	3,250	8,200	6,990	4,240	2,140	2,430	1,860	1,540	797	910
27	7,070	2,240	3,170	7,860	6,830	4,260	2,040	2,440	1,900	1,560	795	946
28	7,310	2,270	3,110	7,460	6,610	4,340	1,960	2,450	2,000	1,510	785	956
29	7,440	2,380	3,050	7,160	6,360	4,420	1,900	2,510	2,170	1,500	736	961
30	7,440	2,410	3,000	6,870	------	4,470	1,860	2,600	2,220	1,520	980	928
31	7,310	------	2,960	6,630	------	4,610	------	2,670	------	1,550	1,000	------
TOTAL	164,520	124,610	105,500	161,000	257,070	129,130	98,990	70,130	58,840	57,030	35,201	25,747
MEAN	5,307	4,154	3,403	5,194	8,864	4,165	3,300	2,262	1,961	1,840	1,136	858
MAX	7,440	7,200	3,890	8,610	11,900	6,120	4,700	2,880	2,930	2,200	1,600	980
MIN	1,900	2,220	2,460	2,360	6,360	3,060	1,860	1,780	1,030	1,400	736	770
CFSM	1.90	1.49	1.22	1.86	3.18	1.49	1.18	.81	.70	.66	.41	.31
IN.	2.19	1.66	1.41	2.15	3.43	1.72	1.32	.94	.78	.76	.47	.34

CAL YR 1971 TOTAL 1,663,743 MEAN 4,558 MAX 24,800 MIN 941 CFSM 1.63 IN 22.18
WTR YR 1972 TOTAL 1,287,768 MEAN 3,518 MAX 11,900 MIN 736 CFSM 1.26 IN 17.17

02135300 Scape Ore Swamp near Bishopville, S.C.
(Hydrologic bench-mark station)

LOCATION.--Lat 34°09'02", long 80°18'18", Lee County, at bridge on U.S. Highway 15, 0.1 mile downstream from Beaverdam Creek, 0.9 mile upstream from Seaboard Coast Line Railroad bridge and 5.8 miles southwest of Bishopville.

DRAINAGE AREA.--70 sq mi, approximately.

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 170 ft (from topographic map).

EXTREMES.--Current year: Maximum discharge, 764 cfs Jan. 15 (gage height, 7.14 ft); minimum daily, 18 cfs Aug. 25.
Period of record: Maximum discharge, 1,330 cfs Mar. 5, 1971 (gage height, 8.09 ft); minimum daily, 6.7 cfs July 21, 1970.

REMARKS.--Records good. Records of chemical analyses and suspended sediment loads are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	218	156	91	179	130	172	47	104	56	30	27
2	119	198	143	89	220	128	194	48	104	40	27	25
3	159	185	140	88	278	126	194	70	99	31	25	22
4	181	172	162	87	368	121	176	104	85	31	23	22
5	179	162	186	90	400	115	155	111	52	51	21	64
6	166	147	196	93	364	110	135	96	41	103	20	218
7	141	131	202	91	283	105	123	77	55	127	20	204
8	114	119	196	88	230	103	119	69	51	128	27	134
9	91	108	181	87	200	101	115	99	40	106	30	99
10	92	99	166	106	181	100	109	104	44	63	31	49
11	117	92	152	167	169	96	103	103	44	41	33	34
12	123	87	143	265	161	94	103	93	39	39	33	28
13	120	84	134	326	166	91	111	76	35	35	32	25
14	115	82	125	545	169	89	113	67	31	31	32	23
15	110	82	119	734	170	88	109	76	28	30	30	21
16	108	81	114	645	170	88	105	89	26	31	28	23
17	103	80	111	449	166	107	100	93	24	29	29	22
18	101	80	111	307	161	123	89	90	22	27	28	27
19	94	79	110	243	161	144	75	84	23	26	27	34
20	87	78	113	208	159	143	64	68	54	24	25	33
21	91	77	121	188	156	134	59	73	128	22	23	33
22	110	75	126	179	155	131	60	87	200	20	21	30
23	125	73	125	177	150	134	77	87	202	19	19	29
24	133	83	122	177	143	143	87	89	176	20	19	26
25	143	115	119	172	134	152	85	86	134	77	18	24
26	156	135	113	164	128	153	75	89	94	59	19	23
27	238	164	107	158	128	144	65	100	43	161	21	22
28	260	169	102	153	133	133	57	102	32	179	22	25
29	216	169	98	144	131	127	52	90	35	100	29	80
30	194	166	95	149	------	130	50	87	65	55	35	99
31	220	------	93	162	------	150	------	96	------	36	30	------
TOTAL	4,257	3,590	4,181	6,622	5,613	3,733	3,131	2,650	2,110	1,797	807	1,525
MEAN	137	120	135	214	194	120	104	85.5	70.3	58.0	26.0	50.8
MAX	260	218	202	734	400	153	194	111	202	179	35	218
MIN	51	73	93	87	128	88	50	47	22	19	18	21
CFSM	1.96	1.71	1.93	3.06	2.77	1.71	1.49	1.22	1.00	.83	.37	.73
IN.	2.26	1.91	2.22	3.52	2.98	1.98	1.66	1.41	1.12	.95	.43	.81

CAL YR 1971 TOTAL 50,862 MEAN 139 MAX 1,230 MIN 23 CFSM 1.99 IN 27.03
WTR YR 1972 TOTAL 40,016 MEAN 109 MAX 734 MIN 18 CFSM 1.56 IN 21.27

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-15	1300	7.14	764				

02135500 Black River near Gable, S.C.

LOCATION.--Lat 33°54'00", long 80°09'55", Clarendon County, near left bank on downstream side of McBride Crossing on U.S. Highway 378, 1 mile downstream from Church Branch, 6.3 miles northwest of Gable, and at mile 123.1.

DRAINAGE AREA.--401 sq mi.

PERIOD OF RECORD.--June 1951 to June 1966, April 1972 to September 1972.

GAGE.--Water-stage recorder. Altitude of gage is 95 ft (from topographic map). Crest-stage station October 1970 to September 1971 at same site and datum. Prior to Dec. 9, 1955, wire-weight gage at same site and datum.

AVERAGE DISCHARGE.--14 years, 383 cfs (12.97 inches per year).

EXTREMES.--Current year: Maximum discharge, 684 cfs July 17 (gage height, 3.97 ft); minimum daily, 8.2 cfs Aug. 24, Sept. 27.
Period of record: Maximum discharge, 12,500 cfs Mar. 5, 1971 (gage height, 6.82 ft); no flow July 10-17, Aug. 2 to Oct. 17, 1954, July 17, 18, 1956, Aug. 9-15, Sept. 6, 7, 1957.

REMARKS.--Records good except those below 15 cfs which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								26	62	44	491	32
2								25	62	40	275	23
3								39	60	43	145	18
4								108	55	41	81	16
5								84	59	43	57	25
6								62	62	53	44	33
7								60	53	64	37	33
8								71	48	78	41	31
9								78	36	89	48	26
10								73	29	123	49	23
11								64	24	126	51	20
12								57	20	94	46	23
13								48	18	73	39	26
14								78	15	62	32	26
15								105	13	98	28	23
16								187	11	275	25	19
17								283	10	600	23	18
18								187	8.8	329	20	43
19								112	9.7	140	19	59
20								86	23	78	17	45
21								68	44	71	15	31
22								64	55	60	13	21
23								62	51	46	13	17
24								60	45	33	12	15
25								60	44	25	22	14
26								62	43	20	84	13
27								64	51	41	66	12
28								62	51	84	41	13
29								62	49	239	40	36
30					------			62	45	383	53	55
31		------			------		------	62	------	464	45	------
TOTAL								2,521	1,156.5	3,959	1,972	789
MEAN								81.3	38.6	128	63.6	26.3
MAX								283	62	600	491	59
MIN								25	8.8	20	12	12
CFSM								.20	.10	.32	.16	.07
IN.								.23	.11	.37	.18	.07

02136000 Black River at Kingstree, S.C.

LOCATION.--Lat 33°39'40", long 79°50'10", Williamsburg County, on left bank at downstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mile downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,260 sq mi, approximately.

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 25.66 ft above mean sea level. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--43 years, 885 cfs (9.54 inches per year).

EXTREMES.--Current year: Maximum discharge, 7,120 cfs Feb. 7 (gage height, 12.50 ft); minimum discharge 117 cfs Sept. 30.

Period of record: Maximum discharge, 29,100 cfs Sept. 20, 1945 (gage height, 16.07 ft); minimum 2 cfs Sept. 12-15, Oct. 7, 8, 1954.

Flood of Sept. 21, 1928 reached a stage of 18.0 ft.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1032: 1928(m), drainage area. WSP 1333: 1930(m), 1931, 1936.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	168	2,290	1,110	947	2,850	1,590	1,140	245	908	539	571	509
2	208	2,630	1,210	917	3,340	1,530	1,150	234	902	573	580	420
3	269	2,800	1,330	890	3,930	1,480	1,190	229	923	574	608	333
4	310	2,740	1,530	863	4,900	1,420	1,260	251	923	539	655	261
5	314	2,480	1,770	839	5,990	1,360	1,340	297	863	454	708	216
6	307	2,250	1,920	818	7,090	1,280	1,420	384	748	373	745	199
7	292	2,050	1,990	793	7,300	1,210	1,430	471	633	337	740	210
8	267	1,870	2,100	768	6,740	1,150	1,390	529	560	349	693	229
9	252	1,720	2,160	748	5,930	1,100	1,330	552	518	364	675	240
10	325	1,600	2,150	743	5,080	1,050	1,250	560	476	358	630	231
11	476	1,480	2,080	790	4,360	996	1,170	561	432	343	579	203
12	569	1,380	2,010	905	3,840	959	1,110	553	378	334	533	182
13	620	1,270	1,920	1,060	3,580	914	1,050	544	330	352	489	164
14	635	1,160	1,840	1,310	3,350	875	984	553	298	388	455	152
15	635	1,060	1,770	1,720	3,140	842	935	569	276	421	425	142
16	650	974	1,700	2,360	3,020	818	866	583	242	428	388	138
17	698	887	1,630	3,250	3,000	828	798	615	206	404	343	143
18	713	813	1,540	4,260	2,920	836	730	658	180	369	304	153
19	703	748	1,450	4,880	2,790	872	655	768	162	361	272	159
20	670	690	1,370	4,900	2,630	911	583	935	162	392	248	176
21	653	633	1,330	4,700	2,480	956	540	1,180	208	457	226	204
22	780	576	1,290	4,300	2,330	1,050	496	1,330	270	534	208	233
23	984	542	1,250	3,950	2,200	1,140	455	1,330	325	561	201	237
24	1,200	521	1,200	3,610	2,080	1,210	418	1,260	352	533	194	217
25	1,420	549	1,160	3,230	1,960	1,230	386	1,150	367	516	189	190
26	1,490	588	1,130	2,880	1,850	1,250	360	1,120	375	457	186	168
27	1,370	650	1,100	2,580	1,780	1,260	333	1,100	360	474	168	151
28	1,230	710	1,080	2,360	1,710	1,240	304	1,050	364	532	169	136
29	1,120	823	1,050	2,290	1,660	1,200	283	968	408	567	425	124
30	1,120	962	1,020	2,390	------	1,130	261	944	478	577	547	117
31	1,590	------	984	2,600	------	1,130	------	929	------	573	554	------
TOTAL	22,038	39,446	47,174	68,651	103,830	34,817	25,617	22,452	13,627	14,033	13,708	6,237
MEAN	711	1,315	1,522	2,215	3,580	1,123	854	724	454	453	442	208
MAX	1,590	2,800	2,160	4,900	7,300	1,590	1,430	1,330	923	577	745	509
MIN	168	521	984	743	1,660	818	261	229	162	334	168	117
CFSM	.56	1.04	1.21	1.76	2.84	.89	.68	.57	.36	.36	.35	.17
IN.	.65	1.16	1.39	2.03	3.07	1.03	.76	.66	.40	.41	.40	.18

CAL YR 1971 TOTAL 594,158 MEAN 1,628 MAX 23,000 MIN 131 CFSM 1.29 IN 17.54
WTR YR 1972 TOTAL 411,630 MEAN 1,125 MAX 7,300 MIN 117 CFSM .89 IN 12.15

02136362 Turkey Creek near Georgetown, S.C.

LOCATION.--Lat 33°20'00", long 79°20'21", Georgetown County, at bridge on State road 42, 2.6 miles upstream from mouth and 4.0 miles southwest of Georgetown.

PERIOD OF RECORD.--Current year.

GAGE.--Water-stage recorder. Datum of gage is 1.78 ft above mean sea level.

EXTREMES.--Current year: Maximum gage height during period, 6.69 ft May 14 (caused by tide); minimum gage height, 4.08 ft June 17, 18.

REMARKS.--Records fair. Rating not defined below 0.20 cfs; records not published below that discharge.

MINIMUM DAILY DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							10		2.2	1.5		1.8
2							7.9		.96	1.0		5.8
3						8.1	6.0		.48	.48		5.5
4						7.0	4.8	.61	.28	.30		3.8
5						5.8	3.8	.20		.33	.75	2.9
6						4.8	3.2			.58	6.6	5.4
7						4.0	2.7			.78	6.3	7.7
8						3.8	2.4			.36	7.4	7.5
9						3.3	1.8	.61			6.8	5.0
10						2.8	1.5	.36		.20	5.8	2.8
11						2.7	1.5	.28		1.0	6.5	1.5
12						2.4	1.5			7.7	6.8	1.1
13						2.2	1.4			5.4	5.0	1.1
14						2.1	1.2	.28		4.0	3.2	.96
15						1.8	1.0	.28		2.8	1.8	.82
16						1.8	.82			1.8	1.3	.75
17						7.9	.68			1.2	1.0	.71
18						6.1	.64			1.0	.86	2.5
19						4.8	.48			.78	.89	2.5
20						4.0	.48		.20	.68	.86	1.7
21						3.4	.48		9.0	.48	.75	1.3
22						6.0	.48	.48	4.8	.61	.33	1.1
23						4.5	.36	1.8	2.4	.68	.33	1.0
24						3.8	.36	.93	1.0	.61	.36	.96
25						3.4	.36	.48	.78	.78	.55	.82
26						4.8	.30	.36	.36	.82	.71	.75
27						4.0	.20	.36	1.0	.78	.61	.75
28						4.0		.82	.93	.82	.45	.68
29						5.4		1.2	1.0	.82	.55	.64
30					------	4.3		.68	2.4		.58	.68
31		------			------	6.1	------	.58	------		.55	------
TOTAL												70.52
MEAN												2.35
MAX												7.7
MIN												.64

02146000 Catawba River near Rock Hill, S.C.

LOCATION.--Lat 34°59'05", long 80°58'27", York County, on right bank at downstream side of bridge on U.S. Highway 21, 3.5 miles downstream from Lake Wylie Dam, 5 miles northeast of Rock Hill, 7.5 miles upstream from Sugar Creek, and at mile 137.6.

DRAINAGE AREA.--3,050 sq mi, approximately.

PERIOD OF RECORD.--September 1895 to September 1903, April 1942 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 485.82 ft. Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2 miles downstream, at different datum.

AVERAGE DISCHARGE.--38 years, 4,451 cfs (19.82 inches per year).

EXTREMES.--Current year: Maximum discharge, 24,000 cfs June 23 (gage height, 10.01 ft); minimum daily, 560 cfs July 17.
Period of record: Maximum discharge, 151,000 cfs May 23, 1901 (gage height, 24.15 ft, site and datum then in use); minimum daily, 490 cfs Oct. 21, 1954.

REMARKS.--Records good. Flow regulated by Lake Wylie (usable capacity, 6,542,000,000 cu ft) and by other powerplants above station.

REVISIONS (WATER YEARS).--WSP 1303: 1895-1903, WSP 1333: 1942-43(m), 1953(m). WSP 1623: 1942-51 (yearly runoff).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,790	8,320	6,620	5,360	7,300	6,840	2,840	1,730	4,080	3,510	4,000	1,970
2	2,040	10,700	7,540	2,490	4,650	6,460	855	1,760	3,490	1,360	5,550	1,850
3	934	11,600	7,410	6,740	1,960	6,150	2,200	2,890	829	3,510	6,600	1,060
4	7,370	9,390	7,450	6,840	1,710	5,680	7,750	4,000	946	2,030	6,320	816
5	7,490	8,790	5,570	5,940	6,490	1,290	4,850	1,970	6,150	2,610	2,960	766
6	7,150	7,570	5,130	7,410	6,590	6,600	1,130	742	5,040	4,260	1,920	2,430
7	2,200	5,450	2,320	5,620	11,100	7,260	2,590	778	4,460	2,660	7,190	1,410
8	5,190	7,170	10,800	4,960	12,500	4,030	4,610	5,550	3,210	1,920	5,980	790
9	2,100	8,640	11,700	965	9,090	6,390	1,040	6,880	5,140	2,660	3,030	1,880
10	1,180	9,080	10,400	5,720	7,890	6,040	5,230	8,350	4,140	3,060	881	855
11	1,380	7,960	8,790	1,060	6,590	4,110	3,060	7,120	1,090	4,980	855	2,980
12	1,530	2,790	4,380	3,060	8,000	894	4,890	4,290	3,130	4,640	3,490	1,380
13	3,510	3,750	8,980	9,110	2,450	3,780	1,440	1,970	5,360	6,250	855	6,250
14	9,570	1,620	8,500	7,160	4,580	2,200	3,010	6,670	6,560	4,670	5,330	5,360
15	5,680	3,680	8,400	4,310	5,270	4,170	2,660	11,400	7,470	3,330	3,330	3,080
16	4,700	5,780	7,540	10,500	5,900	4,230	868	8,450	5,390	1,260	1,350	5,420
17	6,720	6,280	7,590	11,100	6,970	5,170	5,880	10,800	1,640	560	3,920	2,660
18	8,670	5,700	3,960	10,900	6,130	3,110	4,580	11,300	933	3,780	4,200	8,070
19	10,300	6,870	2,160	10,800	7,070	1,020	4,950	11,300	4,950	3,890	5,810	7,580
20	10,700	2,800	7,420	8,460	4,110	3,750	6,110	9,360	7,510	4,580	1,710	1,050
21	9,290	1,610	10,100	6,900	7,330	3,940	2,290	7,960	13,500	7,190	3,280	3,230
22	8,580	6,720	11,300	2,960	7,190	3,890	3,700	11,400	16,000	8,240	2,030	4,850
23	6,280	7,660	8,880	1,490	8,840	6,250	829	9,480	16,900	8,170	2,860	2,290
24	7,060	7,440	943	5,000	9,040	4,290	4,340	10,800	10,700	7,330	4,890	790
25	7,960	4,120	832	6,000	6,700	6,420	2,220	11,000	10,200	4,760	1,790	5,710
26	7,920	3,150	817	7,400	2,890	1,290	2,680	7,050	12,100	4,370	2,980	7,820
27	11,300	1,840	3,920	7,800	998	5,580	2,500	2,660	11,800	2,980	3,460	8,490
28	11,300	1,800	3,550	4,900	5,710	5,390	2,260	829	10,900	1,790	5,680	6,110
29	9,710	6,400	4,050	5,880	6,150	5,940	1,130	4,520	12,000	3,260	4,730	1,420
30	2,870	6,860	4,310	1,480	------	3,730	933	7,440	9,520	3,010	3,280	1,200
31	1,270	------	2,120	5,670	------	6,770	------	6,040	------	4,430	3,700	------
TOTAL	187,744	181,540	193,482	183,985	181,198	142,664	93,425	196,489	205,138	121,050	113,961	99,567
MEAN	6,056	6,051	6,241	5,935	6,248	4,602	3,114	6,338	6,838	3,905	3,676	3,319
MAX	11,300	11,600	11,700	11,100	12,500	7,260	7,750	11,400	16,900	8,240	7,190	8,490
MIN	934	1,610	817	965	998	894	829	742	829	560	855	766

CAL YR 1971 TOTAL 1,731,177 MEAN 4,743 MAX 15,600 MIN 560
WTR YR 1972 TOTAL 1,900,243 MEAN 5,192 MAX 16,900 MIN 560

02147000 Catawba River near Catawba, S.C.

LOCATION.--Lat 34°51'09", long 80°52'06", York County, on right bank, 60 ft downstream from Seaboard Coast Line Railroad bridge, 200 ft downstream from Twelvemile Creek, 2.5 miles east of Catawba, and at mile 122.8.

DRAINAGE AREA.--3,530 sq mi, approximately.

PERIOD OF RECORD.--October 1968 to current year. Annual peak stages from June 1906 to December 1948 and gage-height records since May 1958 are available in district office.

GAGE.--Water-stage recorder. Datum of gage is 446.18 ft above mean sea level (levels by Bowaters Carolina Corporation). June 1906 to Dec. 31, 1948, nonrecording gage at site 2.1 miles downstream at different datum.

EXTREMES.--Current year: Maximum discharge, 23,900 cfs Oct. 17 (gage height, 12.15 ft); minimum daily, 931 cfs Sept. 5.
Period of record: Maximum discharge, 28,500 cfs May 16, 1971 (gage height, 14.01 ft); minimum daily, 798 cfs June 28, 1970.
Maximum stage known since June 1906, 40.4 ft July 16, 1916 at site and datum then in use, from records furnished by the National Weather Service.

REMARKS.--Records good. Flow regulated by Lake Wylie (usable capacity, 6,542,000,000 cu ft) and by other powerplants above the station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,170	6,390	7,050	5,140	8,070	7,820	6,440	1,200	4,760	5,280	4,060	3,160
2	6,990	11,600	8,050	3,260	8,530	6,100	1,580	2,030	3,940	2,500	4,990	1,870
3	3,800	13,600	8,470	6,540	6,830	7,450	1,370	2,140	1,250	2,480	6,520	1,130
4	6,340	12,500	8,070	7,910	8,010	6,800	7,380	5,700	1,030	2,320	7,180	1,110
5	7,920	9,910	7,820	6,630	6,260	2,620	7,450	2,650	4,440	3,210	3,800	931
6	8,420	8,830	7,940	7,710	10,900	4,950	1,900	1,020	6,560	4,680	2,030	1,430
7	4,220	5,930	4,490	6,610	11,600	8,510	2,780	938	4,640	3,460	6,040	2,360
8	4,290	7,200	11,400	5,520	13,400	5,400	5,460	4,190	3,080	1,800	6,200	980
9	3,560	8,470	13,000	2,630	10,200	7,300	2,240	8,700	5,700	2,630	4,420	1,660
10	5,920	10,900	12,000	7,840	8,720	7,020	4,420	7,500	2,660	2,720	1,750	1,110
11	5,250	8,210	10,200	12,100	7,910	4,400	4,170	9,340	1,150	5,020	994	1,820
12	2,050	4,760	5,180	8,490	7,940	1,900	4,510	4,590	2,940	4,850	2,630	2,200
13	3,970	3,910	8,650	8,900	7,250	2,840	3,180	2,410	4,130	6,140	1,890	4,610
14	3,150	2,200	9,410	12,200	4,610	3,570	3,690	5,870	6,120	5,810	3,710	5,520
15	3,710	3,500	9,290	5,320	6,720	3,290	2,570	13,300	7,550	3,690	4,420	4,210
16	8,500	5,260	8,670	10,400	6,120	4,850	1,770	11,300	7,360	1,860	2,000	4,250
17	16,200	6,200	8,790	12,000	6,910	5,930	5,020	10,800	2,590	2,600	2,510	4,440
18	8,900	7,000	5,600	11,900	8,210	3,580	4,660	11,800	1,020	3,550	4,990	6,350
19	11,300	6,350	4,230	11,700	9,820	2,350	6,120	12,000	3,710	4,250	4,950	8,370
20	11,000	4,490	5,990	10,400	5,320	3,910	5,830	11,300	6,560	4,320	3,120	3,290
21	9,970	1,700	11,900	8,670	8,170	3,430	4,950	8,950	17,500	7,360	3,180	2,480
22	10,000	5,660	12,100	7,450	8,300	5,780	4,040	11,600	17,600	8,260	1,900	4,440
23	8,100	7,940	10,200	4,110	8,720	6,290	1,610	11,900	18,700	10,000	2,590	3,040
24	8,640	8,330	3,330	5,560	10,900	6,160	3,600	11,500	12,100	6,480	4,660	980
25	12,400	8,790	1,180	6,460	8,190	6,390	2,660	12,900	10,800	5,970	2,960	3,430
26	9,010	3,500	1,120	8,580	4,190	3,120	2,940	7,480	12,700	5,020	2,560	7,070
27	12,300	3,230	3,600	8,240	2,050	4,680	3,000	4,570	12,600	5,680	2,260	8,700
28	12,400	2,800	3,710	7,800	4,990	5,970	2,500	1,050	11,300	3,150	6,160	6,850
29	11,600	5,640	4,110	5,640	5,890	6,940	1,490	3,690	12,700	3,100	4,470	2,400
30	3,570	7,450	5,080	3,740	------	6,160	1,040	6,760	10,000	3,740	4,070	2,170
31	2,920	------	2,000	4,970	------	6,040	------	7,640	------	4,640	2,860	------
TOTAL	233,570	202,250	222,630	234,420	224,730	161,550	110,370	216,818	217,190	136,570	115,874	102,361
MEAN	7,535	6,742	7,182	7,562	7,749	5,211	3,679	6,994	7,240	4,405	3,738	3,412
MAX	16,200	13,600	13,000	12,200	13,400	8,510	7,450	13,300	18,700	10,000	7,180	8,700
MIN	2,050	1,700	1,120	2,630	2,050	1,900	1,040	938	1,020	1,800	994	931

CAL YR 1971 TOTAL 2,002,571 MEAN 5,486 MAX 20,800 MIN 823
WTR YR 1972 TOTAL 2,178,333 MEAN 5,952 MAX 18,700 MIN 931

02147500 Rocky Creek at Great Falls, S.C.

LOCATION.--Lat 34°33'45", long 80°55'00", Chester County, on left bank 350 ft downstream from Turkey Branch, 1 mile west of Great Falls, and at mile 1.8.

DRAINAGE AREA.--194 sq mi.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 290 ft (by barometer).

AVERAGE DISCHARGE.--21 years, 187 cfs (13.09 inches per year).

EXTREMES.--Current year: Maximum discharge, 5,110 cfs Jan. 11 (gage height, 7.36 ft); minimum, 26 cfs occurred during period Aug. 22 and Sept. 19 (from indicator).

Period of record: Maximum discharge, 31,300 cfs Aug. 23, 1967 (gage height, 18.82 ft); minimum, 0.04 cfs Oct. 6-13, 1954.

REMARKS.--Records good except for periods of no gage-height record which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	249	144	101	319	108	595	71	78	78	100	42
2	147	192	117	96	2,030	103	309	69	72	54	70	42
3	99	162	125	96	1,400	96	221	115	62	58	60	42
4	62	132	183	90	1,740	97	185	127	58	69	50	45
5	53	117	434	97	411	85	180	89	58	106	55	46
6	104	113	943	92	296	80	153	74	59	136	65	42
7	108	103	831	85	264	80	140	65	68	72	70	40
8	55	90	422	81	210	80	430	81	58	68	75	38
9	616	87	254	81	178	85	272	151	87	70	80	35
10	643	85	203	942	159	90	175	91	149	60	65	34
11	182	82	175	3,960	149	87	155	74	68	60	60	32
12	186	81	157	1,800	263	85	325	67	53	60	50	32
13	84	79	160	1,290	671	85	434	65	48	60	45	30
14	72	76	175	1,840	300	87	229	260	52	55	50	30
15	266	76	142	565	213	85	173	353	44	55	60	28
16	632	75	134	336	190	110	147	312	46	60	65	28
17	175	74	278	252	238	180	130	132	43	70	50	50
18	115	74	367	221	683	142	115	103	42	95	45	45
19	92	81	213	202	532	113	110	296	47	150	50	34
20	92	82	176	188	243	99	106	183	127	90	70	30
21	319	69	232	180	185	96	101	293	1,570	70	70	28
22	500	65	188	180	171	353	103	263	1,450	60	60	26
23	296	87	140	198	164	278	110	737	190	55	50	26
24	980	458	134	166	155	155	99	300	117	55	55	26
25	442	203	124	153	171	134	89	166	94	60	60	26
26	229	140	121	130	142	153	82	123	79	75	70	26
27	166	159	115	123	125	140	79	110	72	85	80	30
28	149	180	110	121	123	138	76	112	75	95	190	40
29	126	235	106	121	117	442	75	96	74	85	100	50
30	252	200	103	166	------	965	74	85	103	100	60	40
31	400	------	103	403	------	719	------	84	------	140	45	------
TOTAL	7,611	3,906	7,120	14,348	11,844	5,590	5,472	5,147	5,143	2,406	2,075	1,063
MEAN	246	130	230	463	408	180	182	166	171	77.6	66.9	35.4
MAX	980	458	943	3,960	2,030	965	595	737	1,570	150	190	50
MIN	53	65	103	81	117	80	74	65	42	54	45	26
CFSM	1.27	.67	1.19	2.39	2.10	.93	.94	.86	.88	.40	.34	.18
IN.	1.46	.75	1.37	2.75	2.27	1.07	1.05	.99	.99	.46	.40	.20

CAL YR 1971 TOTAL 98,878 MEAN 271 MAX 5,230 MIN 31 CFSM 1.40 IN 18.96
WTR YR 1972 TOTAL 71,734 MEAN 196 MAX 3,960 MIN 26 CFSM 1.01 IN 13.76

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	1800	7.36	5,110				

Note.--No gage-height record July 9 to Aug. 22, Aug. 25 to Sept. 30.

02148000 Wateree River near Camden, S.C.

LOCATION.--Lat 34°14'40", long 80°39'15", Kershaw County, in pier of bridge on U.S. Highway 1, 1,500 ft downstream from Five and Twenty Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 miles west of Camden, 7.4 miles downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 sq mi, approximately.

PERIOD OF RECORD.--January to December 1903 (gage heights only), October 1904 to September 1910, October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site 1.5 miles downstream 1891-1934, at site 830 ft upstream January 1935 to September 1942, and at present site since October 1942, are contained in reports of National Weather Service.

GAGE.--Water-stage recorder with remote system to district office. Datum of gage is 119.36 ft above mean sea level.
January 1903, to September 1910, nonrecording gage at site 1.5 miles downstream at datum 117.71 ft above mean sea level. Oct. 1, 1929, to Sept. 1, 1942, recording gage at site 830 ft upstream at datum 119.36 ft above mean sea level.

AVERAGE DISCHARGE.--49 years (1904-10, 1929 to current year), 6,193 cfs (16.59 inches per year).

EXTREMES.--Current year: Maximum discharge, 22,400 cfs Jan. 14 (gage height, 19.70 ft); minimum daily, 397 cfs Sept. 24.
Period of record: Maximum discharge, 366,000 cfs Aug. 26, 1908 (gage height, 39.7 ft, site and datum then in use, from records of National Weather Service), from rating curve extended above 122,000 cfs on basis of computation, by Duke Power Co., of peak flow of 382,000 cfs over dam at Rocky Creek Reservoir; minimum daily, 163 cfs Sept. 1, 1968.
The flood of July 18, 1916 reached a stage of 40.4 ft (datum, 117.71 ft above mean sea level), at site 1.5 miles downstream, from records of National Weather Service (discharge, 400,000 cfs, from rating curve extended above 122,000 cfs as explained above).

REMARKS.--Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 cu ft) and by other powerplants above station.

REVISIONS (WATER YEARS).--WSP 802: 1930. WSP 952: Drainage area. WSP 1082: 1934(m). WSP 1433: 1905-10. WSP 1623: 1930-51 (monthly and yearly runoff).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,980	8,120	8,460	6,230	10,400	7,760	7,930	1,210	2,870	7,690	8,540	620
2	9,460	13,300	9,290	4,160	12,500	8,160	3,350	3,530	3,140	2,660	5,550	744
3	8,260	14,700	10,200	7,340	16,700	9,100	6,980	3,330	667	3,220	10,200	2,650
4	7,930	12,000	11,100	7,890	17,400	9,000	8,440	4,270	412	4,000	9,700	4,020
5	8,340	11,300	9,390	7,060	17,000	2,910	6,750	2,480	6,760	5,000	3,820	901
6	8,190	12,800	8,300	7,080	15,400	6,930	4,700	1,060	5,790	6,500	1,620	1,160
7	6,610	5,880	13,300	5,790	16,400	3,780	4,340	796	4,960	4,500	5,480	1,860
8	4,940	8,950	14,900	5,650	12,800	7,310	5,570	7,350	2,630	2,630	5,500	2,380
9	4,030	11,000	14,100	2,110	13,600	8,030	2,620	8,970	5,700	963	5,480	1,000
10	2,090	8,900	14,000	8,270	11,100	8,120	7,490	10,300	4,090	2,840	4,810	501
11	11,200	9,020	13,300	15,800	10,000	5,520	6,150	7,440	562	3,810	1,550	1,880
12	10,300	6,160	7,840	17,400	9,730	1,260	8,810	7,560	2,710	4,860	4,480	2,770
13	5,940	4,760	8,550	18,800	9,160	4,420	5,790	6,910	6,360	5,870	2,510	4,210
14	5,640	2,150	9,930	21,300	12,100	3,690	5,790	7,660	7,980	5,850	4,630	4,900
15	5,240	3,650	9,630	20,700	8,940	5,330	5,010	11,700	9,400	4,630	5,510	6,580
16	9,330	5,840	8,560	18,200	8,530	4,880	1,560	12,100	8,070	2,230	1,960	5,900
17	12,700	6,760	9,070	17,300	9,290	6,220	7,260	11,700	5,390	2,840	3,440	3,310
18	13,000	7,120	10,900	16,900	8,860	5,500	8,030	11,700	1,160	4,340	4,980	7,900
19	13,000	6,950	4,490	16,600	11,600	1,870	7,970	11,900	3,710	6,000	7,570	8,290
20	13,000	6,660	8,580	16,500	12,100	5,470	7,890	14,800	8,480	7,290	3,430	3,240
21	13,100	3,150	11,700	14,800	13,700	6,010	6,940	15,800	15,300	8,260	4,420	2,540
22	12,200	5,340	12,800	11,100	10,700	8,030	7,300	15,800	15,800	9,650	3,590	4,210
23	12,200	6,430	12,400	4,960	12,000	9,340	2,100	12,100	15,700	8,860	3,770	2,630
24	10,100	8,280	4,610	6,610	14,200	7,570	5,630	12,400	15,600	7,910	5,800	397
25	14,400	6,830	802	7,940	10,100	6,060	3,340	12,900	15,600	6,080	5,160	6,160
26	16,000	6,920	568	7,880	4,930	1,460	3,110	9,640	14,500	4,020	4,970	7,180
27	16,200	4,630	4,200	9,980	3,200	8,470	2,560	3,310	12,200	4,490	875	7,360
28	15,100	3,660	6,670	8,590	7,610	8,010	3,000	514	10,800	6,800	5,250	7,800
29	13,200	8,760	8,370	7,540	7,410	8,150	1,560	4,890	11,400	4,240	5,600	5,490
30	6,720	8,500	7,410	4,630	------	10,800	930	7,260	10,300	2,940	4,440	1,920
31	1,460	------	4,200	6,700	------	15,900	------	6,710	------	6,700	1,940	------
TOTAL	297,860	228,520	276,600	331,810	327,460	205,240	158,900	248,080	228,041	157,673	146,375	111,403
MEAN	9,608	7,617	8,923	10,700	11,290	6,621	5,297	8,003	7,601	5,086	4,722	3,713
MAX	16,200	14,700	14,900	21,300	17,400	15,900	8,810	15,800	15,800	9,650	10,200	8,290
MIN	1,460	2,150	568	2,110	3,200	1,260	930	514	412	963	875	397

CAL YR 1971 TOTAL 2,772,545 MEAN 7,596 MAX 30,300 MIN 306
WTR YR 1972 TOTAL 2,717,062 MEAN 7,426 MAX 21,300 MIN 397

02148300 Colonels Creek near Leesburg, S.C.

LOCATION°--Lat 34°00'25", long 80°43'58", Richland County, at bridge on State Highway 262, 0.2 mile above Jumping Run Creek, 1.9 miles southwest of Leesburg, and at mile 8.0.

DRAINAGE AREA.--38.1 sq mi.

PERIOD OF RECORD.--September 1966 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 155 ft (from topographic map).

AVERAGE DISCHARGE.--6 years, 43.2 cfs (15.61 inches per year).

EXTREMES.--Current year: Maximum discharge, 216 cfs Jan. 14 (gage height, 4.28 ft); minimum, 16 cfs Sept. 16, 17.
Period of record: Maximum discharge, 428 cfs Mar. 3, 1971 (gage height, 5.06 ft); minimum, 11 cfs July 12-14, 1970.

REMARKS.--Records good except for period of missing record which is poor. Recording rain gage located at station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	83	54	33	75	46	59	28	42	25	33	22
2	52	71	46	34	97	43	53	28	31	22	28	21
3	50	57	52	35	111	44	53	32	27	23	25	20
4	38	49	105	34	120	44	47	45	25	27	23	19
5	32	43	102	37	101	43	43	39	23	35	22	21
6	29	38	86	36	85	41	40	30	22	50	22	24
7	28	37	74	34	76	40	38	28	24	40	22	22
8	26	35	62	33	88	40	40	32	22	35	38	21
9	26	34	52	33	111	40	40	55	21	32	38	20
10	43	34	47	52	84	38	38	41	22	27	73	19
11	64	34	44	129	65	38	38	32	27	25	74	19
12	47	34	44	148	59	38	41	28	25	24	54	18
13	35	33	43	150	78	38	41	26	23	23	35	18
14	31	33	41	208	76	37	38	41	22	22	29	18
15	28	33	39	172	68	37	36	53	21	21	26	17
16	31	33	38	127	60	39	34	59	20	21	24	16
17	37	33	38	99	60	55	33	46	19	20	24	16
18	37	32	40	81	63	58	33	35	19	20	23	19
19	35	32	37	72	70	51	32	44	25	20	23	21
20	33	33	41	65	64	44	31	46	35	19	21	20
21	36	32	52	64	56	42	31	46	70	19	21	19
22	55	31	48	66	51	57	34	50	45	19	20	19
23	64	31	43	66	48	54	51	49	32	20	19	19
24	68	38	38	62	47	45	49	46	28	21	19	19
25	106	76	37	56	48	41	42	39	25	36	19	18
26	90	67	36	51	48	44	34	34	24	43	19	18
27	73	53	35	48	52	43	31	37	22	110	20	18
28	56	47	35	47	52	41	30	36	24	83	35	19
29	47	54	34	55	49	31	29	43	30	73	106	25
30	44	68	34	77	------	34	29	44	35	51	25	30
31	79	------	34	80	------	61	------	54	------	36	22	------
TOTAL	1,453	1,308	1,509	2,284	2,062	1,347	1,168	1,246	830	1,042	982	595
MEAN	46.9	43.6	48.7	73.7	71.1	43.5	38.9	40.2	27.7	33.6	31.7	19.8
MAX	106	83	105	208	120	61	59	59	70	110	106	30
MIN	26	31	34	33	47	31	29	26	19	19	19	16
CFSM	1.23	1.14	1.28	1.93	1.87	1.14	1.02	1.06	.73	.88	.83	.52
IN.	1.42	1.28	1.47	2.23	2.01	1.32	1.14	1.22	.81	1.02	.96	.58

CAL YR 1971	TOTAL 17,755	MEAN 48.6	MAX 323	MIN 18	CFSM 1.28	IN 17.34
WTR YR 1972	TOTAL 15,826	MEAN 43.2	MAX 208	MIN 16	CFSM 1.13	IN 15.45

PEAK DISCHARGE (BASE, 200 CFS)

Note.--No gage-height record June 19 to July 21.

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-14	1230	4.28	216				

02148315 Wateree River below Eastover, S.C.

LOCATION.--Lat 33°50'19", long 80°37'25", Richland County, on right bank, 2.4 miles upstream from Southern Railway bridge, 2.5 miles northeast of Wateree, 5.0 miles southeast of Eastover, and at mile 12.0.

DRAINAGE AREA.--5,390 sq mi, approximately.

PERIOD OF RECORD.--July 1968 to current year (discharge below 10,000 cfs only).

GAGE.--Water-stage recorder. Datum of gage is 77.43 above mean sea level (South Carolina Electric and Gas Company benchmark).

EXTREMES.--Current year: Maximum gage height, 15.18 ft Oct. 28, Jan. 18; minimum daily discharge, 1,470 cfs Dec. 4.
Period of record: Maximum gage height, 16.71 ft Dec. 14, 1969; minimum daily discharge, 702 cfs Sept. 3, 1968.

REMARKS.--Records fair. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 cu ft) and by other powerplants above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,220	7,020	9,200	8,700	6,530	7,190	9,680	1,740	7,200	9,820	5,540	3,130
2	7,510	7,770	9,600	6,900	8,420	7,410	9,630	1,760	4,930	9,160	7,640	1,890
3	7,700	9,540	9,800	6,800	9,510	7,710	7,010	2,390	3,540	6,030	6,640	1,720
4	8,230	8,380	1,470	5,900	9,800	8,140	6,590	3,440	2,500	4,050	7,980	1,920
5	7,760	6,930	4,140	6,700	9,830	8,190	7,880	3,870	1,820	3,710	8,590	3,160
6	7,860		8,010	8,000	9,830	5,280	7,570	3,590	4,120	5,570	6,580	2,550
7	7,780	9,890	9,360	8,300	9,850	5,920	6,050	2,160	6,020	6,660	3,350	1,770
8	6,780	9,850	7,350	8,300	9,800	6,430	4,800	1,790	5,220	5,250	4,570	1,780
9	6,690	8,970	8,220	7,100	9,790	6,670	5,460	4,860	3,670	3,720	5,780	2,000
10	5,130	6,400	9,860	6,900	9,780	7,370	4,180	7,720	4,570	2,700	6,610	2,070
11	3,320	6,170		4,400	9,710	7,530	5,780	8,550	4,930	2,340	5,530	1,870
12	8,210	9,720	9,860	6,600	9,610	6,400	6,740	8,050	2,540	3,430	3,720	1,700
13	8,840	8,190	9,970		9,510	3,330	7,210	7,300	1,930	4,390	3,410	2,180
14	7,610	6,430	5,750	9,360	9,450	3,140	7,210	7,250	4,720	5,690	3,680	3,100
15	6,210	4,320	9,230	2,240	9,430	4,100	6,050	7,370	6,750	6,020	3,600	4,230
16	5,430	3,910	9,220		9,190	4,360	5,550	8,990	7,860	5,600	5,580	5,830
17	7,780	5,190	8,820		8,870	5,090	3,430	9,610	7,910	3,520	3,380	5,760
18	9,170	6,490	1,830	2,240	8,780	5,900	4,960	9,750	5,690	2,790	2,660	4,230
19	9,730	7,760	2,560	2,240	8,770	5,910	7,140	9,800	3,310	3,830	4,360	5,800
20	9,960	7,950	9,000	10,000	9,240	3,620	7,480	9,860	2,730	4,910	6,240	7,270
21	10,000	8,150	8,200	10,000	9,550	4,090	7,510	10,000	7,600	6,280	5,000	5,020
22		6,200		9,990	9,780	5,840	7,200		9,580	7,300	4,000	2,850
23		6,110	2,560	9,940	9,710	7,060	7,070		9,990	8,260	4,500	3,260
24		6,730	2,560	9,220	9,680	8,100	4,380			8,800	5,000	3,440
25	9,970	8,590	9,500	9,800	9,800	7,760	4,140			7,800	6,300	1,880
26		9,680	4,500	7,800	9,680	6,870	4,420			7,070	5,800	3,290
27		9,810	2,200	8,500	9,000	3,730	3,390	9,900		5,920	3,500	6,100
28		7,780	3,200	9,100	5,900	5,980	2,910	7,170		4,900	2,000	6,900
29	9,970	5,520	5,500	8,490	6,700	7,460	2,720	3,850		6,730	3,750	7,330
30	9,970	7,480	8,000	7,970	------	7,690	2,380	3,910	9,940	5,660	5,140	6,550
31	9,960	------	8,200	9,600	------	8,520	------	6,950	------	3,960	4,610	------
TOTAL					265,500	192,790	176,520			171,870	155,040	110,580
MEAN					9,155	6,219	5,884			5,544	5,001	3,686
MAX					9,850	8,520	9,680			9,820	8,590	7,330
MIN					5,900	3,140	2,380			2,340	2,000	1,700

02154500 North Pacolet River at Fingerville, S.C.

LOCATION.--Lat 35°07'15", long 81°59'10", Spartanburg County, on right bank at McMillin Mill, about 400 ft downstream from Obed Creek, 1.4 miles south of Fingerville, and at mile 48.5.

DRAINAGE AREA.--116 sq mi.

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 715.56 ft above mean sea level. From Nov. 26, 1929 to Nov. 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

AVERAGE DISCHARGE.--43 years, 207 cfs (24.23 inches per year).

EXTREMES.--Current year: Maximum discharge, 4,350 cfs June 21 (gage height, 14.85 ft); minimum, 42 cfs Sept. 14; minimum daily, 97 cfs Sept. 16.

Period of record: Maximum discharge, 12,500 cfs Aug. 14, 1940 (gage height, 27.13 ft), from rating curve extended above 4,300 cfs on basis of computation of peak flow over dam 2 miles above station; minimum, 9 cfs Oct. 6, 1954; minimum daily, 28 cfs Oct. 6, 7, 1954.

REMARKS.--Records good. Some diurnal fluctuation at low and medium flow caused by mill above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112	314	189	183	190	179	216	158	225	220	167	112
2	109	341	174	186	192	221	203	155	206	203	213	110
3	105	518	181	186	221	225	193	181	196	210	183	109
4	105	419	219	246	226	194	188	197	187	223	159	107
5	109	296	249	281	199	184	181	170	183	296	151	181
6	122	255	395	224	195	177	178	159	180	235	147	155
7	109	235	1,430	207	198	174	177	154	196	208	145	126
8	104	215	2,060	196	189	194	220	204	178	195	205	119
9	110	203	642	196	182	190	187	271	175	188	167	117
10	135	198	373	356	179	180	177	187	177	185	230	110
11	114	190	361	512	180	176	182	167	168	178	178	107
12	105	183	288	410	190	174	227	161	164	176	163	105
13	102	178	259	450	372	170	237	162	163	174	153	104
14	102	174	239	495	268	170	205	680	161	172	147	101
15	117	172	239	357	231	166	192	739	158	167	139	99
16	946	200	270	292	215	177	183	361	156	163	153	97
17	230	163	248	261	215	204	182	274	154	170	159	104
18	170	159	227	250	218	177	177	237	183	161	141	130
19	147	157	212	243	244	170	173	265	190	183	135	114
20	135	157	233	237	209	166	171	432	700	167	130	110
21	153	151	236	234	200	168	169	591	3,370	153	128	105
22	491	149	217	230	198	445	208	461	1,730	149	126	101
23	786	147	209	241	193	249	239	363	515	161	126	99
24	744	215	206	223	192	212	187	322	380	157	126	101
25	443	245	205	214	188	199	180	278	314	145	124	102
26	305	188	202	206	186	198	168	246	281	157	122	102
27	248	183	200	203	180	194	163	230	255	149	126	101
28	213	178	196	200	178	195	161	222	250	228	167	121
29	193	195	193	197	175	235	159	224	275	240	134	372
30	178	220	191	200	------	240	158	231	248	228	119	167
31	210	------	191	195	------	222	------	270	------	181	114	------
TOTAL	7,252	6,598	10,710	8,111	6,003	6,225	5,641	8,752	11,718	5,822	4,677	3,688
MEAN	234	220	345	262	207	201	188	282	391	188	151	123
MAX	946	518	2,060	512	372	445	239	739	3,370	296	230	372
MIN	102	147	174	183	175	166	158	154	154	145	114	97
CFSM	2.02	1.90	2.97	2.26	1.78	1.73	1.62	2.43	3.37	1.62	1.30	1.06
IN.	2.33	2.12	3.43	2.60	1.93	2.00	1.81	2.81	3.76	1.87	1.50	1.18

CAL YR 1971 TOTAL 87,891 MEAN 241 MAX 2,060 MIN 97 CFSM 2.08 IN 28.19
WTR YR 1972 TOTAL 85,197 MEAN 233 MAX 3,370 MIN 97 CFSM 2.01 IN 27.32

PEAK DISCHARGE (BASE, 1,600 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-16	0115	9.20	2,170	6-21	1615	14.85	4,350
12-08	0800	10.40	2,610				

02154950 Lake William C. Bowen near Fingerville, S.C.

LOCATION.--Lat 35°06'45", long 82°02'26", Spartanburg County, at bridge on State Highway 9, 1.7 miles upstream from the dam and 2.8 miles southwest of Fingerville.

DRAINAGE AREA.--79.4 sq mi.

PERIOD OF RECORD.--October 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 800.00 ft above mean sea level (Spartanburg Water Works datum).

EXTREMES.--Current year: Maximum gage height, 16.74 ft June 20; minimum, 12.70 ft Oct. 15.
Period of record: Maximum gage height, that of June 20, 1972; minimum, 11.30 ft Oct. 18, 19, 1970.

REMARKS.--Reservoir is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gal. Spillway crest is at gage height 15 ft. Water used as inflow to South Pacolet River Reservoir (capacity, 1,104,000,000 gal.)

Capacity table (gage height, in feet, and usable contents, in billions of gallons)
(Prepared from curve by Wiedeman and Singleton Engineers of Atlanta, Ga.)

11	5.45
12	5.90
13	6.35
14	6.80
15	7.30
16	7.80

ELEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.04	15.25	15.11	15.13	15.06	15.12	15.21	15.12	15.15	15.14	15.11	14.64
2	13.02	15.27	15.10	15.13	15.07	15.14	15.19	15.12	15.14	15.13	15.10	14.60
3	13.00	15.59	15.19	15.12	15.08	15.13	15.18	15.18	15.13	15.12	15.09	14.57
4	12.96	15.37	15.17	15.29	15.08	15.11	15.17	15.16	15.12	15.22	15.08	14.54
5	12.98	15.26	15.18	15.24	15.08	15.10	15.17	15.14	15.11	15.25	15.05	14.52
6	12.96	15.20	15.46	15.20	15.08	15.10	15.17	15.12	15.12	15.20	15.04	14.50
7	12.91	15.16	16.33	15.12	15.08	15.10	15.19	15.11	15.12	15.16	15.08	14.47
8	12.86	15.14	15.67	15.15	15.07	15.14	15.15	15.29	15.10	15.14	15.12	14.44
9	12.88	15.13	15.40	15.20	15.06	15.18	15.17	15.22	15.10	15.13	15.15	14.40
10	12.87	15.12	15.31	15.53	15.06	15.17	15.17	15.17	15.08	15.12	15.13	14.35
11	12.83	15.11	15.27	15.55	15.06	15.17	15.18	15.14	15.07	15.10	15.11	14.32
12	12.80	15.10	15.23	15.38	15.07	15.17	15.28	15.12	15.07	15.10	15.10	14.28
13	12.76	15.10	15.20	15.50	15.09	15.17	15.24	15.22	15.06	15.13	15.0A	14.24
14	12.73	15.09	15.18	15.37	15.10	15.16	15.19	15.59	15.05	15.12	15.07	14.18
15	13.50	15.08	15.17	15.27	15.09	15.15	15.12	15.40	15.05	15.10	15.05	14.14
16	15.59	15.08	15.17	15.23	15.08	15.20	15.05	15.28	15.05	15.08	15.06	14.09
17	15.30	15.07	15.17	15.21	15.08	15.17	15.00	15.20	15.05	15.09	15.05	14.07
18	15.19	15.06	15.15	15.20	15.08	15.16	14.95	15.19	15.09	15.08	15.04	14.06
19	15.12	15.06	15.14	15.20	15.08	15.15	14.95	15.26	15.24	15.10	15.02	14.03
20	15.08	15.06	15.22	15.19	15.08	15.15	15.07	15.39	16.40	15.09	14.98	13.99
21	15.20	15.03	15.19	15.19	15.08	15.35	15.17	15.52	16.03	15.08	14.97	13.95
22	15.42	14.98	15.16	15.20	15.08	15.45	15.27	15.37	15.43	15.07	14.95	13.92
23	15.90	14.96	15.15	15.20	15.10	15.28	15.22	15.29	15.32	15.^7	14.92	13.87
24	15.55	15.17	15.15	15.18	15.13	15.22	15.17	15.23	15.25	15.06	14.89	13.84
25	15.36	15.15	15.15	15.15	15.14	15.22	15.15	15.19	15.21	15.05	14.87	13.81
26	15.25	15.13	15.15	15.15	15.13	15.20	15.14	15.16	15.18	15.03	14.85	13.77
27	15.20	15.13	15.15	15.07	15.12	15.20	15.13	15.14	15.17	15.07	14.83	13.74
28	15.15	15.12	15.14	15.06	15.12	15.20	15.13	15.14	15.22	15.13	14.80	14.02
29	15.14	15.16	15.13	15.06	15.10	15.28	15.13	15.16	15.20	15.15	14.77	14.28
30	16.11	15.14	15.15	15.06	------	15.24	15.12	15.17	15.15	15.15	14.73	14.34
31	15.21	------	15.14	15.06	------	15.23	------	15.17	------	15.13	14.68	------
MEAN	14.16	15.14	15.24	15.21	15.09	15.19	15.15	15.22	15.22	15.12	14.99	14.20
MAX	15.90	15.59	16.33	15.55	15.14	15.45	15.28	15.59	16.40	15.25	15.15	14.64
MIN	12.73	14.96	15.10	15.06	15.06	15.10	14.95	15.11	15.05	15.03	14.68	13.74

WTR YR 1972 MEAN 14.99 MAX 16.40 MIN 12.73

02155500 Pacolet River near Fingerville, S.C.

LOCATION.--Lat 35°06'35", long 81°57'35", Spartanburg County, on right bank 100 ft upstream from highway bridge, 0.2 mile downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 miles southeast of Fingerville, and at mile 46.5.

DRAINAGE AREA.--212 sq mi.

PERIOD OF RECORD.--October 1929 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 706.33 ft above mean sea level.

AVERAGE DISCHARGE.--43 years, 340 cfs (21.78 inches per year).

EXTREMES.--Current year: Maximum discharge, 7,650 cfs June 21 (gage height, 10.15 ft); minimum daily, 108 cfs Sept. 27.

Period of record: Maximum discharge, 22,800 cfs Aug. 14, 1940 (gage height, 22.43 ft), from rating curve extended above 9,600 cfs by velocity-area studies; minimum daily, 32 cfs Oct. 6, 7, 1954.

Flood of June 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

REMARKS.--Records good. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (see preceding page). Some diurnal fluctuation caused by mill on North Pacolet River. About 23,400,000 gal per day (36.2 cfs) diverted above station for city of Spartanburg water supply during water year 1972.

REVISIONS (WATER YEARS).--WSP 1303: 1930-39 (monthly and yearly runoff).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160	495	317	317	298	272	401	258	364	352	251	160
2	160	643	302	317	298	344	356	255	344	332	287	145
3	150	1,230	313	317	324	410	321	294	328	317	224	145
4	150	1,040	352	385	406	419	313	305	294	321	195	145
5	150	643	393	510	380	364	305	241	258	535	183	227
6	160	550	610	566	317	298	298	214	251	495	192	202
7	153	455	3,200	397	313	294	272	211	272	317	221	166
8	153	393	3,810	332	294	305	321	294	248	276	290	155
9	160	352	1,490	332	287	302	287	510	241	265	248	153
10	189	324	747	422	280	290	272	364	244	262	305	147
11	163	313	698	1,310	283	287	276	269	234	251	255	142
12	153	294	642	993	290	280	328	255	227	248	238	142
13	150	251	604	1,000	540	269	451	224	224	244	221	140
14	150	248	437	1,090	530	272	446	1,530	224	244	211	140
15	183	241	380	703	480	265	356	1,560	221	238	205	128
16	2,040	276	432	555	344	276	302	804	214	231	202	130
17	731	238	397	465	336	309	298	490	208	258	211	135
18	432	231	397	389	340	280	294	432	234	385	192	163
19	406	231	380	376	376	272	290	380	241	258	183	137
20	283	224	410	372	340	265	251	665	1,530	202	178	135
21	276	218	540	372	328	265	211	1,290	6,340	186	178	130
22	747	218	505	446	324	918	251	1,010	2,780	192	178	116
23	1,940	218	376	446	321	621	344	714	870	205	169	110
24	2,100	305	332	389	317	465	309	637	654	195	168	110
25	1,040	480	309	336	309	328	302	530	540	189	167	112
26	648	368	302	313	309	294	234	410	401	189	166	110
27	555	313	290	305	309	290	202	336	376	180	167	108
28	423	309	290	305	302	294	198	305	332	294	214	186
29	356	321	290	305	265	437	195	309	356	290	178	393
30	305	356	290	302	------	505	195	317	336	272	160	276
31	340	------	321	298	------	414	------	364	------	218	160	------
TOTAL	15,006	11,778	20,172	14,965	9,840	10,904	8,879	15,777	19,386	8,441	6,397	4,688
MEAN	484	393	651	483	339	352	296	509	646	272	206	156
MAX	2,100	1,230	3,810	1,310	540	918	451	1,560	6,340	535	305	393
MIN	150	218	290	298	265	265	195	211	208	180	160	108
CFSM	2.28	1.85	3.07	2.28	1.60	1.66	1.40	2.40	3.05	1.28	.97	.74
IN.	2.63	2.07	3.54	2.63	1.73	1.91	1.56	2.77	3.40	1.48	1.12	.82

CAL YR 1971 TOTAL 134,159 MEAN 368 MAX 3,810 MIN 130 CFSM 1.74 IN 23.54
WTR YR 1972 TOTAL 146,233 MEAN 400 MAX 6,340 MIN 108 CFSM 1.89 IN 25.66

02156500 Broad River near Carlisle, S.C.

LOCATION.--Lat 34°35'46", long 81°25'20", Union County, on right bank at downstream side of bridge on State Highway 72, 1.3 miles upstream from Sandy River, 2.0 miles downstream from Seaboard Coast Line Railroad bridge, 2.5 miles east of Carlisle, 5.0 miles downstream from Neals Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 sq mi, approximately.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 290.70 ft above mean sea level, datum of 1929.

AVERAGE DISCHARGE.--34 years, 3,919 cfs (19.08 inches per year).

EXTREMES.--Current year: Maximum discharge, 47,200 cfs Oct. 17 (gage height, 19.31 ft); minimum, 276 cfs Sept. 24; minimum daily, 1,090 cfs Sept. 24.

Period of record: Maximum discharge 103,000 cfs Aug. 15, 1940 (gage height, 29.41 ft), from rating curve extended above 66,000 cfs on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 cfs Aug. 29, 1955; minimum daily, 44 cfs Sept. 2, 1956.

REMARKS.--Records good, except for period of no gage-height record which is poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Records of chemical analyses are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 892: 1939(M), drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,400	10,300	4,510	3,650	5,000	4,000	6,390	2,860	4,210	4,070	3,390	1,840
2	2,320	9,000	4,190	3,550	7,000	4,000	5,430	2,890	3,850	3,470	3,090	1,700
3	2,350	10,600	3,950	3,530	9,000	4,500	4,800	3,470	3,790	3,450	2,930	1,840
4	2,110	15,100	4,330	3,750	13,000	5,000	4,270	4,800	3,250	3,830	2,230	1,480
5	2,040	9,720	4,630	5,910	11,500	4,500	4,450	4,970	3,390	4,570	2,400	1,850
6	2,520	6,870	6,660	5,890	8,000	4,500	4,490	4,780	2,860	4,760	2,260	1,990
7	2,910	5,480	14,700	4,700	6,000	4,000	3,950	3,690	3,290	3,750	1,990	2,320
8	2,180	4,940	28,100	4,190	5,000	3,500	4,930	3,210	3,070	3,750	3,330	2,290
9	2,290	4,790	25,400	3,670	4,500	4,000	4,930	6,240	2,970	3,430	3,050	1,720
10	2,890	4,400	12,000	9,290	4,500	3,500	4,310	6,500	3,430	2,730	2,890	1,680
11	3,130	3,950	8,120	22,700	4,500	3,610	3,870	4,950	3,130	2,820	2,990	1,800
12	2,230	3,950	7,120	19,300	4,500	3,450	4,490	3,930	2,710	3,490	2,760	1,790
13	2,200	3,760	6,300	11,600	5,500	3,410	5,660	3,710	2,640	3,270	2,970	1,510
14	2,040	3,430	5,850	17,800	8,000	3,230	5,390	10,900	2,730	2,520	2,730	1,520
15	1,910	3,010	5,410	11,700	7,500	3,610	5,010	24,300	2,650	2,400	2,500	1,510
16	18,700	3,140	4,950	8,330	6,000	3,250	4,190	16,500	2,670	2,650	2,580	1,590
17	42,100	3,780	6,060	6,570	5,500	4,330	3,990	9,270	2,730	2,600	3,230	1,580
18	12,500	3,700	6,220	5,870	6,000	4,780	3,750	6,900	2,620	2,620	2,620	1,670
19	5,470	3,190	5,160	5,520	9,000	3,750	3,570	6,110	2,320	3,370	2,350	1,950
20	4,350	3,530	4,740	5,050	9,000	3,610	3,550	5,850	3,970	3,170	2,330	1,700
21	3,710	3,150	5,070	4,820	7,000	3,250	3,370	9,600	17,800	2,990	2,150	1,700
22	3,500	2,860	5,370	4,820	5,500	6,150	3,730	13,900	41,000	2,760	1,870	1,630
23	4,500	2,800	4,610	4,720	5,000	9,630	4,270	12,200	31,000	2,290	2,150	1,910
24	15,000	3,710	4,490	5,070	4,500	6,740	4,530	7,820	8,630	2,670	2,040	1,090
25	20,000	6,220	4,210	4,780	4,500	5,450	3,430	5,940	6,330	2,050	2,080	1,800
26	15,000	5,770	4,230	4,170	4,500	4,950	3,670	5,330	5,330	2,840	2,080	1,840
27	10,000	4,930	3,630	4,250	4,500	4,330	3,630	4,860	4,610	2,780	2,090	1,360
28	7,000	4,150	3,850	3,690	4,000	4,330	3,070	4,330	4,610	3,030	1,740	1,840
29	6,000	4,290	3,650	4,370	4,000	5,200	3,350	4,190	4,310	3,130	1,850	3,910
30	6,000	4,530	3,750	4,510	------	6,150	2,950	3,850	4,010	3,950	2,020	4,890
31	10,000	------	4,270	4,500	------	6,440	------	4,230	------	3,470	1,800	------
TOTAL	219,350	159,050	215,530	212,270	182,500	141,150	127,420	212,080	189,910	98,680	76,490	57,300
MEAN	7,076	5,302	6,953	6,847	6,293	4,553	4,247	6,841	6,330	3,183	2,467	1,910
MAX	42,100	15,100	28,100	22,700	13,000	9,630	6,390	24,300	41,000	4,760	3,390	4,890
MIN	1,910	2,800	3,630	3,530	4,000	3,230	2,950	2,860	2,320	2,050	1,740	1,090
CFSM	2.54	1.90	2.49	2.45	2.26	1.63	1.52	2.45	2.27	1.14	.88	.68
IN.	2.92	2.12	2.87	2.83	2.43	1.88	1.70	2.83	2.53	1.32	1.02	.76

CAL YR 1971 TOTAL 1,793,800 MEAN 4,915 MAX 42,100 MIN 1,660 CFSM 1.76 IN 23.92
WTR YR 1972 TOTAL 1,891,730 MEAN 5,169 MAX 42,100 MIN 1,090 CFSM 1.85 IN 25.22

PEAK DISCHARGE (BASE, 25,000 CFS)

Note.--No gage-height record Jan. 31 to Mar. 10.

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-17	1130	19.31	47,200	5-15	1400	13.13	25,400
12-08	2330	15.40	32,200	6-22	2300	19.14	46,600
1-11	1330	13.25	25,800				

02157000 North Tyger River near Fairmont, S.C.

LOCATION.--Lat 34°55'45", long 82°02'40", Spartanburg County, on left bank 80 ft downstream from Frey Creek, 2.2 miles north of Fairmont, and at mile 57.9.

DRAINAGE AREA.--44 sq mi, approximately.

PERIOD OF RECORD.--October 1950 to current year.

GAGE.--Water-stage recorders and concrete control. Altitude of gage is 680 ft (from topographic map).

AVERAGE DISCHARGE.--22 years, 64.3 cfs (19.85 inches per year).

EXTREMES.--Current year: Maximum discharge, 1,970 cfs June 21 (gage height, 9.89 ft); minimum daily, 23 cfs Oct. 8.
Period of record: Maximum discharge, 3,610 cfs May 26, 1959 (gage height, 13.58 ft), from rating curve extended above 2,100 cfs; minimum, 6.0 cfs Sept. 19, 20, 1954; minimum daily, 7.0 cfs Sept. 19, 1954.

REMARKS.--Records good. Records of water temperature are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	86	56	55	63	71	80	51	53	56	49	29
2	24	122	53	56	67	107	74	50	52	58	45	28
3	24	479	56	54	99	95	71	77	51	59	42	27
4	25	192	71	139	84	75	70	57	49	71	41	27
5	25	98	77	124	71	67	67	52	48	113	40	32
6	28	80	179	84	70	64	64	49	48	83	40	33
7	24	74	446	74	70	62	64	47	51	64	70	30
8	23	64	307	67	65	79	89	113	46	58	168	29
9	26	62	124	70	64	68	66	103	53	54	57	28
10	32	58	101	304	62	66	65	66	67	52	52	25
11	27	55	89	414	60	63	72	59	50	52	52	27
12	26	53	80	186	73	62	115	55	46	52	50	27
13	25	52	76	231	133	62	92	59	44	51	45	27
14	25	50	70	192	84	60	77	600	43	56	44	26
15	28	49	69	120	76	59	71	187	42	48	42	25
16	880	49	83	100	71	67	67	104	41	45	43	24
17	168	46	92	89	74	67	63	85	40	44	43	24
18	70	45	76	88	80	59	59	74	41	49	42	30
19	54	44	70	86	88	58	57	83	45	68	41	30
20	49	44	95	80	72	57	56	152	454	49	37	28
21	55	42	99	82	70	59	56	171	1,430	44	37	27
22	136	42	77	82	68	194	75	117	176	43	35	27
23	439	41	70	83	66	95	67	103	103	40	34	25
24	267	84	67	75	67	77	59	85	83	38	34	24
25	133	77	65	71	65	74	57	70	74	38	33	25
26	88	60	62	66	65	71	55	64	68	41	33	25
27	72	63	60	66	62	72	52	59	70	43	33	25
28	64	56	58	66	63	70	52	58	82	58	33	25
29	58	72	57	65	66	115	51	60	77	65	31	28
30	54	65	59	71	------	97	50	62	67	66	30	33
31	104	------	60	65	------	88	------	58	------	53	29	------
TOTAL	3,078	2,404	3,002	3,405	2,118	2,380	2,013	3,030	3,594	1,711	1,405	820
MEAN	99.3	80.1	96.8	110	73.0	76.8	67.1	97.7	120	55.2	45.3	27.3
MAX	880	479	446	414	133	194	115	600	1,430	113	168	33
MIN	23	41	53	54	60	57	50	47	40	38	29	24
CFSM	2.26	1.82	2.20	2.50	1.66	1.75	1.53	2.22	2.73	1.25	1.03	.62
IN.	2.60	2.03	2.54	2.88	1.79	2.01	1.70	2.56	3.04	1.45	1.19	.69

CAL YR 1971 TOTAL 25,017 MEAN 68.5 MAX 880 MIN 23 CFSM 1.56 IN 21.15
WTR YR 1972 TOTAL 28,960 MEAN 79.1 MAX 1,430 MIN 23 CFSM 1.80 IN 24.48

PEAK DISCHARGE (BASE, 700 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-16	1625	9.00	1,750	6-21	0700	9.89	1,970
5-14	1630	4.91	842				

02160500 Enoree River near Enoree, S.C.

LOCATION.--Lat 34°36'38", long 81°54'35", Spartanburg County, on left bank 60 ft upstream from bridge on State Highway 49, 0.6 mile upstream from Warrior Creek, 4.0 miles southeast of Enoree, and at mile 41.6.

DRAINAGE AREA.--307 sq mi.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage and water-temperature recorders. Datum of gage is 448.13 ft above mean sea level. Prior to Nov. 20, 1929, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--43 years, 422 cfs (18.67 inches per year).

EXTREMES.--Current year: Maximum discharge, 8,740 cfs June 21 (gage height, 5.91 ft); minimum, 132 cfs Sept. 26; minimum daily, 183 cfs Sept. 16.
Period of record: Maximum discharge, 30,000 cfs Oct. 2, 1929 (gage height, 10.5 ft, from floodmark), from rating curve extended above 17,000 cfs; minimum, 8 cfs Oct. 5, 1941; minimum daily, 20 cfs Oct. 2-4, 7, 1954.

REMARKS.--Records good. Some regulation at low and medium flow by powerplants above station. Records of chemical analyses and water temperature are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 802: 1930(M). WSP 892: 1929-30, 31(M), 1932-33, 1935. WSP 1112: 1934(M). WSP 1383: 1935-36(m), 1941(m), 1951-52(m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	205	1,470	478	422	516	478	711	430	413	449	396	218
2	200	1,150	422	405	557	578	620	430	396	405	371	212
3	194	1,090	413	396	870	699	567	557	388	405	388	212
4	189	1,950	478	430	1,030	588	546	665	379	405	330	212
5	194	1,090	642	1,210	688	525	546	506	362	870	315	238
6	194	599	1,230	1,010	609	497	536	449	354	951	308	264
7	200	516	2,800	665	609	487	516	430	354	653	345	231
8	189	440	2,970	578	557	497	630	567	362	487	4,660	212
9	194	405	2,260	536	525	557	599	1,140	345	440	2,970	205
10	218	388	808	2,500	506	506	516	711	345	413	599	200
11	231	371	588	5,160	497	478	546	557	396	396	630	189
12	205	362	506	3,620	516	478	642	506	354	396	688	194
13	200	354	567	2,220	992	468	699	478	330	379	478	194
14	194	345	478	2,380	820	468	609	3,090	315	371	478	189
15	194	330	459	1,440	630	459	557	3,510	315	362	371	189
16	1,520	330	468	858	578	478	525	1,210	308	345	338	183
17	1,930	330	620	711	588	546	516	653	308	345	330	200
18	676	330	546	642	620	497	497	588	300	345	315	238
19	413	323	468	609	795	468	487	506	315	379	300	244
20	345	338	478	588	653	449	487	588	1,660	388	293	225
21	323	330	676	578	578	449	487	1,170	7,370	338	278	205
22	599	315	588	578	557	808	525	1,110	6,240	330	270	205
23	1,210	300	506	642	536	924	642	858	1,950	323	264	200
24	1,140	405	478	588	525	620	567	758	676	323	257	200
25	870	630	459	546	525	557	497	578	546	315	251	194
26	578	487	440	516	525	546	478	497	478	330	251	194
27	449	422	422	506	506	525	468	459	440	371	251	194
28	413	430	413	506	487	525	459	440	487	362	251	218
29	379	468	413	506	487	665	449	440	578	388	244	231
30	362	588	396	567	------	884	440	440	546	430	231	285
31	599	------	430	557	------	745	------	430	------	413	225	------
TOTAL	14,807	16,886	22,900	32,470	17,882	17,449	16,364	24,751	27,610	13,107	17,676	6,375
MEAN	478	563	739	1,047	617	563	545	798	920	423	570	213
MAX	1,930	1,950	2,970	5,160	1,030	924	711	3,510	7,370	951	4,660	285
MIN	189	300	396	396	487	449	440	430	300	315	225	183
CFSM	1.56	1.83	2.41	3.41	2.01	1.83	1.78	2.60	3.00	1.38	1.86	.69
IN.	1.79	2.05	2.77	3.93	2.17	2.11	1.98	3.00	3.35	1.59	2.14	.77

CAL YR 1971 TOTAL 190,308 MEAN 521 MAX 4,030 MIN 172 CFSM 1.70 IN 23.06
WTR YR 1972 TOTAL 228,277 MEAN 624 MAX 7,370 MIN 183 CFSM 2.03 IN 27.66

PEAK DISCHARGE (BASE, 3,500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	1000	5.11	5,750	6-21	1730	5.91	8,740
5-14	2100	4.59	4,300	8-08	2130	5.19	6,030

02161500 Broad River at Richtex, S.C.

LOCATION.--Lat 34°11'05", long 81°11'48", Fairfield County, on right bank 0.8 mile west of Richtex, 1.2 miles upstream from Little River, 10.2 miles downstream from Parr Shoals Dam, and at mile 191.2.

DRAINAGE AREA.—4,850 sq mi, approximately.

PERIOD OF RECORD.—October 1925 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 184.84 ft above mean sea level.

AVERAGE DISCHARGE.—47 years, 6,069 cfs (16.99 inches per year).

EXTREMES.--Current year: Maximum discharge, 61,600 cfs June 23 (gage height, 14.18 ft); minimum daily, 1,650 cfs Sept. 25.
Period of record: Maximum discharge, 228,000 cfs Oct. 3, 1929 (gage height, 30.7 ft, from floodmarks), on basis of computation of flow over Parr Shoals Dam; minimum daily, 149 cfs Oct. 13, 1935, Sept. 2, 1957.

REMARKS.--Records good. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

REVISIONS (WATER YEARS).--WSP 757: 1930(M). WSP 972: Drainage area. WSP 1383: 1929(M), 1933.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,030	6,890	6,790	5,580	6,920	5,550	12,400	3,990	5,670	6,030	6,030	2,700
2	2,980	11,300	6,240	5,070	10,200	5,550	10,200	3,990	5,460	5,910	5,040	2,310
3	2,770	13,600	5,940	4,950	11,900	6,000	8,200	4,170	4,920	4,980	4,560	2,260
4	2,100	17,200	5,880	4,890	18,300	7,020	7,080	5,640	4,800	5,040	4,080	2,700
5	2,810	16,500	6,860	5,400	15,600	6,730	6,630	6,540	3,900	6,450	3,080	2,930
6	2,540	12,700	9,660	9,080	10,100	6,180	6,480	6,420	3,900	9,080	3,730	3,000
7	3,200	8,950	17,000	8,070	8,010	5,610	6,270	5,700	4,260	7,940	2,930	3,330
8	2,910	6,980	29,500	6,630	7,180	5,220	6,240	4,830	4,080	6,300	10,700	3,280
9	2,610	6,570	39,500	5,790	6,360	5,430	7,750	5,850	4,080	5,550	14,600	3,030
10	4,260	6,060	28,200	7,180	6,210	5,790	6,980	10,300	4,260	5,100	14,000	2,200
11	3,960	5,370	17,300	33,000	5,910	5,520	6,030	7,980	4,320	4,350	11,700	2,560
12	3,390	5,520	11,100	44,900	5,880	4,890	6,000	6,360	3,730	3,790	7,590	2,540
13	2,650	5,070	9,490	37,700	7,780	4,650	8,370	5,160	3,870	5,400	6,060	2,220
14	2,680	4,620	8,910	35,400	11,100	4,950	8,610	6,630	3,590	4,530	5,610	2,540
15	2,450	4,020	8,100	29,400	10,600	4,560	7,690	24,300	3,490	3,840	4,410	1,960
16	5,640	4,110	7,340	19,100	8,570	5,280	6,730	31,100	3,460	3,760	4,320	2,040
17	35,300	4,230	7,500	14,000	7,750	5,400	5,940	22,600	3,490	3,760	4,440	2,480
18	34,700	4,890	9,420	12,000	7,820	6,330	5,640	13,100	3,390	4,170	4,470	2,500
19	12,000	4,620	8,400	9,500	13,000	6,240	5,130	9,830	3,680	4,320	3,900	2,770
20	7,050	4,020	7,210	8,000	12,700	5,400	4,830	8,400	5,040	5,220	4,500	2,720
21	5,430	4,440	7,080	7,500	9,150	4,950	5,160	10,600	15,200	4,500	3,440	2,480
22	5,310	3,900	7,940	7,000	7,750	5,760	4,710	16,000	40,600	3,840	3,440	2,370
23	8,680	3,760	7,300	7,000	6,920	12,400	5,520	21,300	58,400	3,840	3,050	2,330
24	25,500	3,700	6,420	7,500	6,600	11,800	6,030	14,900	36,500	3,360	3,410	2,610
25	31,800	7,020	6,240	7,000	6,150	8,610	5,940	10,200	16,800	3,930	2,960	1,650
26	21,900	9,050	5,910	6,000	6,330	7,430	4,590	8,070	9,150	3,310	3,330	2,650
27	12,700	7,430	5,670	5,940	6,240	6,790	5,220	7,180	7,370	5,160	3,200	2,630
28	9,020	6,360	5,430	5,940	5,700	6,180	4,590	6,510	6,570	4,410	2,630	1,960
29	7,370	5,940	5,310	5,790	5,580	7,180	4,140	5,790	6,450	4,590	3,080	2,980
30	6,450	6,600	5,100	6,420	------	12,300	4,410	5,610	6,270	6,300	2,930	5,250
31	5,880	------	5,190	7,180	------	12,300	------	5,370	------	6,180	2,840	------
TOTAL	279,070	211,420	317,930	378,910	252,310	208,000	193,510	304,420	286,700	154,940	160,060	78,980
MEAN	9,002	7,047	10,260	12,220	8,700	6,710	6,450	9,820	9,557	4,998	5,163	2,633
MAX	35,300	17,200	39,500	44,900	18,300	12,400	12,400	31,100	58,400	9,080	14,600	5,250
MIN	2,100	3,700	5,100	4,890	5,580	4,560	4,140	3,990	3,390	3,310	2,630	1,650
CFSM	1.86	1.45	2.12	2.52	1.79	1.38	1.33	2.02	1.97	1.03	1.06	.54
IN.	2.14	1.62	2.44	2.91	1.94	1.60	1.48	2.33	2.20	1.19	1.23	.61

CAL YR 1971 TOTAL 2,730,780 MEAN 7,482 MAX 56,200 MIN 1,530 CFSM 1.54 IN 20.95
WTR YR 1972 TOTAL 2,826,250 MEAN 7,722 MAX 58,400 MIN 1,650 CFSM 1.59 IN 21.68

PEAK DISCHARGE (BASE, 35,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-18	0130	11.88	46,100	1-12	0900	11.83	45,800
12-09	1330	11.07	41,200	6-23	1245	14.18	61,100

02162010 Cedar Creek near Blythewood, S.C.

LOCATION.--Lat 34°11'44", long 81°06'13", Richland County, on right bank at downstream side of bridge on State road 59, 0.2 mile above Williams Branch, 8 miles southwest of Blythewood, and at mile 6.9

DRAINAGE AREA.--48 sq mi, approximately.

PERIOD OF RECORD.--November 1966 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 240 ft (from topographic map).

AVERAGE DISCHARGE.--5 years, 39.1 cfs (11.06 inches per year).

EXTREMES.--Current year: Maximum discharge, 1,460 cfs Jan. 11 (gage height, 8.55 ft); minimum daily, 3.9 cfs Sept. 26.
Period of record: Maximum discharge, 4,870 cfs July 4, 1968 (gage height, 18.42 ft); minimum daily, 0.66 cfs Oct. 5, 6, 1968.

REMARKS.--Records good. Recording rain gage located at station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	16	13	11	79	37	110	15	16	16	135	12
2	14	14	9.0	9.5	64	36	68	16	14	12	44	11
3	11	12	17	10	64	34	52	18	14	12	25	9.0
4	7.9	11	98	9.0	52	31	44	18	13	26	15	8.3
5	6.8	8.3	149	9.5	42	29	39	16	12	314	12	8.3
6	5.7	7.9	120	9.0	40	28	36	14	12	252	11	9.5
7	5.7	7.9	67	8.3	40	27	35	14	17	49	11	8.3
8	4.8	6.8	48	7.9	40	27	40	15	14	27	20	6.8
9	4.3	6.0	30	7.9	38	28	33	35	11	19	15	6.8
10	17	6.4	23	248	38	28	30	22	10	17	19	6.4
11	18	6.8	20	748	40	28	29	19	10	15	16	6.0
12	9.5	6.8	42	234	50	25	34	18	9.0	16	13	5.3
13	7.2	6.4	47	635	207	28	47	18	8.6	16	12	5.1
14	6.0	6.4	25	406	89	28	34	28	8.6	14	10	5.1
15	6.0	6.0	19	135	62	25	30	40	8.6	15	9.0	4.8
16	7.2	6.0	17	48	53	29	28	32	7.9	14	8.6	4.8
17	12	5.7	16	46	54	66	27	21	7.9	27	8.6	4.8
18	7.5	5.7	17	44	62	41	25	30	7.5	17	8.6	5.7
19	6.4	5.7	14	40	117	32	20	31	8.3	18	7.9	6.8
20	6.0	7.2	23	36	65	29	20	21	23	17	14	6.0
21	6.8	8.6	48	32	52	28	19	75	28	12	8.6	5.3
22	14	6.0	26	28	47	105	19	96	33	11	7.2	4.3
23	16	5.1	18	28	42	60	21	56	20	10	6.8	4.3
24	89	8.3	16	28	40	40	20	37	15	9.5	6.4	4.1
25	113	23	15	45	39	34	18	17	12	9.0	6.0	4.1
26	28	11	14	103	50	41	17	15	14	15	6.0	3.9
27	16	8.6	13	100	71	35	17	14	28	48	36	4.1
28	13	9.0	12	170	48	34	17	14	15	36	58	7.2
29	11	29	12	223	41	55	16	17	15	18	70	8.6
30	11	27	11	392	------	72	16	50	29	17	19	19
31	16	------	11	126	------	229	------	19	------	94	14	------
TOTAL	503.2	294.6	1,010.0	3,977.1	1,726	1,369	961	851	441.4	1,192.5	652.7	205.7
MEAN	16.2	9.82	32.6	128	59.5	44.2	32.0	27.5	14.7	38.5	21.1	6.86
MAX	113	29	149	748	207	229	110	96	33	314	135	19
MIN	4.3	5.1	9.0	7.9	38	25	16	14	7.5	9.0	6.0	3.9
CFSM	.24	.15	.49	1.92	.89	.66	.48	.41	.22	.58	.32	.10
IN.	.28	.16	.56	2.22	.97	.77	.54	.48	.25	.67	.37	.12

CAL YR 1971 TOTAL 33,725.0 MEAN 92.4 MAX 1,390 MIN 4.3 CFSM 1.39 IN 18.87
WTR YR 1972 TOTAL 13,184.2 MEAN 36.0 MAX 748 MIN 3.9 CFSM .54 IN 7.38

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	1530	8.55	1,460	7-05	2115	8.26	1,380

02162080 Crane Creek at Columbia, S.C.

LOCATION.--Lat 34°03'14", long 81°03'36", Richland County, at bridge on Brickyard Road, 1.2 miles upstream from mouth, 1.2 miles downstream from State Highway 215, and 4.0 miles northwest of State Capitol.

DRAINAGE AREA.--66.5 sq mi.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 160 ft (from topographic map). Auxiliary water-stage recorder on the Broad River at the Columbia Canal Diversion Dam near Columbia.

EXTREMES.--Current year: Maximum discharge unknown, but probably occurred Jan. 13; minimum daily, 3.0 cfs Sept. 13-16, 27.
Period of record: Maximum discharge, 2,530 cfs Aug. 5, 1971 (gage height, 10.97 ft); minimum daily, 0.10 July 20, 1970.

REMARKS.--Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	55	85	55	142	80	150	30	42	35	240	7.8
2	34	50	55	50	230	77	120	30	32	30	100	7.0
3	35	45	45	50	257	74	100	30	22	25	60	5.8
4	26	40	80	45	285	68	90	25	17	45	35	6.2
5	20	30	140	45	176	65	70	25	15	170	25	6.2
6	18	25	350	45	135	60	60	25	15	130	20	5.0
7	16	25	280	45	123	48	60	30	15	80	16	4.7
8	13	20	220	40	109	50	70	35	15	60	13	4.2
9	13	20	160	40	96	53	60	70	15	40	12	3.8
10	105	15	110	45	88	55	55	50	14	30	20	3.5
11	77	20	100	60	83	50	50	40	12	30	12	3.1
12	48	20	120	200	106	50	60	40	11	30	9.8	3.1
13	31	20	180	600	207	50	80	45	11	30	14	3.0
14	24	20	150	400	150	50	45	60	10	30	20	3.0
15	21	20	100	260	117	50	35	80	9.2	25	8.5	3.0
16	49	20	80	200	102	70	30	60	8.2	25	6.8	3.0
17	79	15	80	150	103	110	30	45	7.5	45	5.8	5.6
18	21	20	80	120	119	70	30	60	7.2	35	5.2	11
19	36	20	75	99	176	60	25	60	25	30	6.4	7.5
20	24	20	75	97	129	50	30	45	50	30	11	6.6
21	32	30	130	115	105	55	30	120	60	25	5.8	6.0
22	77	30	150	119	93	200	35	180	50	25	4.7	5.2
23	63	20	110	116	85	110	40	150	32	25	4.4	4.2
24	106	20	80	103	84	80	30	80	32	20	4.1	3.5
25	148	90	75	92	83	60	35	60	30	20	4.1	3.2
26	110	60	70	80	95	70	35	50	35	40	6.6	3.1
27	90	40	70	74	116	60	35	45	55	95	9.5	3.0
28	60	40	65	73	94	65	30	40	40	60	23	3.6
29	45	60	60	95	82	90	30	50	35	40	19	21
30	35	120	60	140	------	120	30	80	55	40	12	63
31	45	------	55	192	------	250	------	70	------	130	8.8	------
TOTAL	1,521	1,030	3,490	3,845	3,770	2,400	1,580	1,810	777.1	1,475	742.5	218.9
MEAN	49.1	34.3	113	124	130	77.4	52.7	58.4	25.9	47.6	24.0	7.30
MAX	148	120	350	600	285	250	150	180	60	170	240	63
MIN	13	15	45	40	82	48	25	25	7.2	20	4.1	3.0
CFSM	.74	.52	1.70	1.86	1.95	1.16	.79	.88	.39	.72	.36	.11
IN.	.85	.58	1.95	2.15	2.11	1.34	.88	1.01	.43	.83	.42	.12

CAL YR 1971 TOTAL 37,959.1 MEAN 104 MAX 1,390 MIN 7.0 CFSM 1.56 IN 21.23
WTR YR 1972 TOTAL 22,659.5 MEAN 61.9 MAX 600 MIN 3.0 CFSM .93 IN 12.68

PEAK DISCHARGE (BASE, 1,000 CFS).--No peaks above base.

Note.--No gage-height record Oct. 26 to Jan. 18, Mar. 10 to Apr. 19, Apr. 19 to June 5, June 19 to Aug. 9.

02162500 Saluda River near Greenville, S.C.

LOCATION.--Lat 34°50'32", long 82°28'51", Pickens County, on right bank 700 ft upstream from bridge on State Road 124, 1.6 miles downstream from Saluda Lake Dam, 2.4 miles upstream from Georges Creek, 4.6 miles west of city hall in Greenville, and at mile 132.0.

DRAINAGE AREA.--293 sq mi.

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1948, published as "near West Greenville."

GAGE.--Water-stage recorder. Altitude of gage is 810 ft (from topographic map).

AVERAGE DISCHARGE.--31 years, 624 cfs (28.92 inches per year).

EXTREMES.--Current year: Maximum discharge, 5,380 cfs June 21 (gage height, 9.86 ft); minimum, 38 cfs June 12 (gage height, 1.75 ft); minimum daily, 261 cfs Sept. 15.

Period of record: Maximum discharge, 11,000 cfs Oct. 7, 1949 (gage height, 19.38 ft), from rating curve extended above 7,500 cfs on basis of computation of peak flow over dam at Saluda Lake; minimum, 28 cfs Feb. 1, 1956 (gage height, 1.65 ft); minimum daily, 70 cfs Oct. 16, 1954.

REMARKS.--Records good. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. About 38,730,740 gal per day (59.9 cfs) diverted above station for city of Greenville water supply during water year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930, supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into Reedy River below station near Greenville.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	393	1,760	685	631	744	673	711	366	667	598	490	321
2	343	1,800	592	667	744	785	705	490	570	609	679	305
3	343	2,170	673	750	757	679	673	532	554	587	480	301
4	343	1,810	903	967	843	705	661	565	548	614	495	297
5	313	1,160	526	1,520	835	692	643	515	450	1,260	510	321
6	321	943	1,030	1,210	649	637	643	510	435	1,300	505	346
7	317	895	3,150	865	750	620	731	505	655	778	470	301
8	301	655	4,370	744	685	673	643	500	548	673	1,430	305
9	313	598	2,650	778	620	718	951	718	440	620	771	297
10	330	655	1,650	1,460	661	603	744	609	505	543	692	281
11	339	598	1,400	2,340	625	581	598	521	649	559	643	265
12	313	537	1,300	1,970	661	592	692	440	420	510	548	265
13	313	521	1,130	1,660	1,100	625	679	480	480	495	521	265
14	301	570	1,030	2,120	1,140	570	637	1,550	435	460	510	265
15	305	543	975	1,770	911	537	637	2,060	375	485	495	261
16	1,100	532	1,030	1,400	744	587	631	1,300	402	465	384	277
17	1,100	495	1,090	1,200	792	771	570	873	402	375	465	273
18	631	485	835	1,150	792	643	548	835	397	465	379	285
19	384	485	785	943	843	643	537	820	440	430	379	361
20	475	440	1,060	999	843	543	532	1,040	1,220	505	388	317
21	366	450	1,180	975	631	515	543	1,300	4,420	488	425	285
22	692	500	1,010	951	649	991	548	1,240	2,440	490	406	273
23	1,270	375	895	1,020	731	1,060	813	1,020	1,280	435	317	273
24	895	548	718	1,010	649	718	505	880	943	366	309	273
25	983	873	771	959	587	661	339	813	888	406	379	277
26	609	620	806	718	649	698	343	737	505	609	343	273
27	592	521	705	873	649	718	334	649	614	565	370	273
28	543	537	737	757	620	698	480	631	718	526	375	277
29	526	667	778	718	603	705	515	532	1,080	521	339	309
30	450	737	655	843	------	843	510	587	764	581	313	387
31	911	------	649	737	------	757	------	692	------	515	325	------
TOTAL	16,415	23,480	35,768	34,705	21,507	21,241	18,096	24,310	24,244	17,825	15,135	8,811
MEAN	530	783	1,154	1,120	742	685	603	784	808	575	488	294
MAX	1,270	2,170	4,370	2,340	1,140	1,060	951	2,060	4,420	1,300	1,430	387
MIN	301	375	526	631	587	515	334	366	375	366	309	261
CFSM	1.81	2.67	3.94	3.82	2.53	2.34	2.06	2.68	2.76	1.96	1.67	1.00
IN.	2.08	2.98	4.54	4.41	2.73	2.70	2.30	3.09	3.08	2.26	1.92	1.12

CAL YR 1971 TOTAL 240,917 MEAN 660 MAX 4,370 MIN 257 CFSM 2.25 IN 30.59
WTR YR 1972 TOTAL 261,537 MEAN 715 MAX 4,420 MIN 261 CFSM 2.44 IN 33.21

PEAK DISCHARGE (BASE, 2,800 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-07	2200	9.04	4,880	6-21	0830	9.86	5,410

02163500 Saluda River near Ware Shoals, S.C.

LOCATION.--Lat 34°23'12", long 82°13'20", Greenwood County, on right bank 2 miles southeast of Ware Shoals, 2.5 miles downstream from Ware Shoals Dam, 5 miles upstream from Turkey Creek, and at mile 83.7.

DRAINAGE AREA.--569 sq mi.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Altitude of gage is 448 ft (by barometer).

AVERAGE DISCHARGE.--34 years, 992 cfs (23.68 inches per year).

EXTREMES.--Current year: Maximum discharge, 10,200 cfs Jan. 10 (gage height, 15.96 ft); minimum daily, 348 cfs Sept. 23.
Period of record: Maximum discharge, 20,600 cfs Aug. 13, 1940 (gage height, 20.48 ft), from rating curve extended above 14,000 cfs on basis of computation of peak flow over dam; minimum, 3 cfs Sept. 18, 1939; minimum daily, 11 cfs Oct. 12, 19, 1941.

REMARKS.--Records good. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion by city of Greenville (see sta. 02162500). Records of chemical analyses are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 892: 1939. WSP 1433: 1940-41, 1943-45.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	564	3,120	1,140	910	1,180	880	1,210	975	1,200	1,260	1,080	361
2	510	2,790	1,190	930	1,260	1,130	1,110	790	1,160	1,060	825	492
3	388	3,260	1,010	1,000	1,560	1,350	1,040	1,070	960	1,140	845	510
4	487	4,120	1,070	1,180	1,750	1,080	1,310	1,100	870	1,120	870	456
5	469	2,520	1,530	2,230	1,370	1,020	1,050	985	990	1,200	685	496
6	482	1,710	1,830	2,220	1,240	1,070	1,070	960	925	1,660	748	618
7	374	1,280	3,390	1,750	1,340	1,020	1,020	870	1,060	1,770	815	591
8	420	1,370	5,790	1,410	1,180	965	1,190	1,290	1,100	1,440	1,350	510
9	451	1,140	5,530	1,020	1,090	1,040	975	1,600	1,010	1,140	2,260	546
10	374	895	3,430	4,200	990	1,050	1,240	1,270	895	1,160	1,570	541
11	523	870	2,260	7,640	985	960	1,270	1,090	920	1,020	1,530	456
12	460	950	1,900	4,840	1,010	835	1,100	1,030	1,130	895	1,350	519
13	496	708	2,030	3,820	1,530	945	1,060	855	945	925	1,040	411
14	384	739	1,620	4,120	1,750	985	1,070	3,900	905	875	1,170	388
15	465	775	1,620	3,430	1,650	920	1,070	3,750	850	845	940	384
16	1,300	753	1,110	2,780	1,460	915	985	2,990	748	870	905	366
17	2,320	855	1,590	2,430	1,290	950	1,000	2,210	708	855	795	420
18	1,710	735	1,520	2,140	1,240	1,100	1,010	1,790	726	840	685	393
19	865	744	1,240	2,010	1,460	880	895	1,580	985	739	717	577
20	654	739	1,250	1,830	1,270	1,010	865	1,650	2,410	930	568	469
21	609	658	1,710	1,710	1,350	930	935	2,200	8,100	775	717	505
22	865	577	1,710	1,640	1,070	1,110	920	2,350	6,700	762	604	429
23	1,410	910	1,540	1,610	1,000	1,630	965	2,220	3,610	699	631	348
24	1,860	735	1,130	1,730	1,060	1,330	1,110	1,820	2,260	775	568	384
25	1,570	898	1,130	1,520	1,110	1,440	1,100	1,670	1,970	699	420	465
26	1,420	1,200	1,060	1,440	980	965	699	1,310	1,710	890	492	442
27	1,080	1,140	1,280	1,180	895	1,100	744	1,230	1,210	955	474	429
28	717	885	960	1,280	1,060	1,200	805	1,090	1,190	895	514	438
29	840	775	965	1,220	955	1,310	766	1,300	1,390	980	663	411
30	2,780	1,150	1,160	1,240	------	1,460	775	1,090	1,510	1,010	559	564
31	2,720	------	1,020	1,410	------	1,490	------	1,120	------	915	424	------
TOTAL	29,547	38,903	55,715	67,870	36,085	34,050	30,279	49,135	50,147	31,099	26,814	13,919
MEAN	953	1,297	1,797	2,189	1,244	1,098	1,009	1,585	1,672	1,003	865	464
MAX	2,780	4,120	5,790	7,640	1,750	1,630	1,310	3,900	8,100	1,770	2,260	618
MIN	374	577	960	910	895	835	699	790	708	699	420	348
CFSM	1.67	2.28	3.14	3.85	2.19	1.93	1.77	2.79	2.94	1.76	1.52	.82
IN.	1.93	2.54	3.64	4.44	2.36	2.23	1.98	3.21	3.28	2.03	1.75	.91

CAL YR 1971 TOTAL 395,925 MEAN 1,085 MAX 7,260 MIN 348 CFSM 1.91 IN 25.88
WTR YR 1972 TOTAL 463,563 MEAN 1,267 MAX 8,100 MIN 348 CFSM 2.23 IN 30.31

PEAK DISCHARGE (BASE, 5,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
11-04	0300	10.54	5,280	5-14	1330	11.29	5,830
12-08	1930	11.82	6,280	6-21	0600	14.81	8,910
1-10	2230	15.96	10,200				

02165000 Reedy River near Ware Shoals, S.C.

LOCATION.--Lat 34°26'40", long 82°10'35", Laurens County, on left bank 1.9 miles downstream from dam at Boyd's mill, 4.5 miles upstream from Walnut Creek, 5.0 miles northeast of Ware Shoals, and at mile 12.8.

DRAINAGE AREA.--228 sq mi.

PERIOD OF RECORD.--March 1939 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 489 ft (by barometer).

AVERAGE DISCHARGE.--33 years, 332 cfs (19.77 inches per year).

EXTREMES.--Current year: Maximum discharge, 7,940 cfs June 22 (gage height, 11.20 ft); minimum daily, 13 cfs Oct. 10.
Period of record: Maximum discharge, 10,800 cfs Mar. 7, 1963 (gage height, 14.92 ft); minimum, 2.7 cfs July 6, 1967 (gage height, 0.42 ft); minimum daily, 7.5 cfs Aug. 25, Sept. 9, 1966.

REMARKS.--Records good. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by city of Greenville below station near Greenville (see sta. 02162500). Records of chemical analyses are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952 (M). WSP 1904: 1940, 1943, 1946, 1949, 1952.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	267	564	437	420	449	271	592	345	120	492	345	275
2	263	1,510	505	345	479	392	524	284	207	473	284	271
3	111	833	492	293	714	592	505	289	302	340	414	106
4	20	1,660	485	340	993	585	498	271	298	280	403	123
5	140	1,080	381	1,080	698	505	492	355	293	414	330	271
6	247	443	730	1,110	564	485	330	330	251	762	280	111
7	259	498	1,860	571	537	479	485	307	267	564	271	108
8	271	492	2,400	467	524	479	485	431	492	479	376	275
9	99	479	1,640	425	498	479	485	960	479	473	2,400	275
10	13	409	714	1,790	492	479	479	738	345	345	762	271
11	25	267	641	4,130	485	350	398	518	280	116	806	104
12	204	137	449	3,140	485	403	316	498	289	200	1,060	176
13	293	15	627	1,980	524	420	485	485	293	360	578	106
14	280	170	518	2,020	900	425	479	1,700	293	280	634	125
15	275	280	431	1,550	599	355	473	2,980	293	280	537	275
16	409	280	505	900	544	355	345	1,280	414	403	479	271
17	2,010	263	498	714	518	420	403	722	340	335	340	118
18	960	280	505	641	524	485	355	544	280	251	280	173
19	505	280	505	585	613	403	179	544	325	235	284	271
20	485	280	498	599	648	345	204	531	779	235	403	271
21	403	280	492	544	537	345	479	833	4,280	263	345	271
22	350	280	392	531	505	414	479	1,160	5,560	280	197	113
23	531	218	449	571	492	806	370	815	1,580	280	197	18
24	730	284	340	578	485	564	414	815	746	280	280	179
25	706	449	403	524	485	498	479	578	599	275	280	275
26	557	544	335	485	479	492	355	531	518	271	275	271
27	498	498	350	498	479	492	284	518	479	473	104	179
28	485	376	345	492	473	485	284	492	473	387	191	162
29	355	280	340	376	376	511	284	479	473	280	280	243
30	271	392	376	330	-------	585	414	473	479	387	280	271
31	267	-------	381	505	-------	683	-------	403	-------	479	275	-------
TOTAL	12,289	13,821	19,044	28,534	16,099	14,582	12,354	21,209	21,827	10,972	13,970	5,958
MEAN	396	461	614	920	555	470	412	684	728	354	451	199
MAX	2,010	1,660	2,400	4,130	993	806	592	2,980	5,560	762	2,400	275
MIN	13	15	335	293	376	271	179	271	120	116	104	18
CFSM	1.74	2.02	2.69	4.04	2.43	2.06	1.81	3.00	3.19	1.55	1.98	.87
IN.	2.01	2.26	3.11	4.66	2.63	2.38	2.02	3.46	3.56	1.79	2.28	.97

CAL YR 1971 TOTAL 164,422 MEAN 450 MAX 3,250 MIN 13 CFSM 1.97 IN 26.83
WTR YR 1972 TOTAL 190,659 MEAN 521 MAX 5,560 MIN 13 CFSM 2.29 IN 31.11

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-17	1300	4.98	3,120	5-15	0700	5.41	3,570
12-08	1630	4.42	3,520	6-22	0300	11.20	7,940
1-11	1330	7.25	5,180	8-09	0930	4.98	3,120

02165200 South Rabon Creek near Gray Court, S.C.

LOCATION.--Lat 34°31'12", long 82°09'26", Laurens County, on left bank, 125 ft upstream from U.S. Highway 76, 2.5 miles upstream from North Rabon Creek and 7.0 miles southwest of Gray Court.

DRAINAGE AREA.--29.5 sq mi.

PERIOD OF RECORD.--January 1967 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 560 ft (from topographic map).

AVERAGE DISCHARGE.--5 years, 40.4 cfs (18.60 inches per year).

EXTREMES.--Current year: Maximum discharge, 1,240 cfs Jan. 11 (gage height, 4.31 ft); minimum daily, 13 cfs Sept. 16, 17.
Period of record: Maximum discharge, that of Jan. 11, 1972; minimum daily, 7.0 cfs July 9-13, 1970.

REMARKS.--Records good except those for periods of no gage-height record, which are poor. Recording rain gage located at station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	110	42	32	42	38	54	27	31	31	27	16
2	16	59	41	33	50	45	46	27	30	30	34	16
3	16	110	39	32	109	50	42	63	30	31	40	16
4	16	80	33	38	98	42	41	48	29	29	35	15
5	16	38	35	81	62	41	39	35	28	37	27	16
6	26	39	110	52	54	38	37	31	29	42	25	17
7	16	40	160	45	55	37	36	30	35	31	30	16
8	15	39	110	40	49	39	44	62	30	29	80	16
9	16	39	64	38	46	39	38	96	30	27	210	15
10	16	32	54	365	43	37	37	47	30	27	100	15
11	16	26	51	794	42	36	39	38	35	26	90	15
12	16	25	45	203	46	35	41	34	30	26	74	15
13	15	24	70	281	115	35	37	35	27	25	52	15
14	15	24	54	190	66	35	35	561	26	25	48	14
15	16	24	49	91	53	34	34	236	25	24	43	14
16	122	24	45	67	49	37	33	93	25	23	33	13
17	45	24	51	59	52	41	32	63	25	22	27	13
18	30	24	46	52	56	37	30	55	24	22	25	18
19	24	23	41	50	69	35	30	49	30	22	40	17
20	20	23	41	47	54	34	30	46	209	21	30	15
21	22	23	56	46	49	34	30	55	886	21	22	14
22	47	23	45	46	47	63	35	48	122	21	21	14
23	63	23	40	52	44	48	41	47	63	20	20	14
24	60	28	38	48	43	40	33	44	50	20	20	14
25	56	43	37	44	43	38	31	40	44	20	19	14
26	45	40	36	41	43	38	30	36	39	45	19	14
27	42	30	34	40	41	37	29	33	35	36	19	14
28	35	23	34	40	39	37	28	33	36	24	19	16
29	27	31	33	41	38	55	28	34	38	28	19	22
30	23	35	33	48	------	54	27	34	34	44	18	21
31	32	------	33	47	------	56	------	33	------	35	17	------
TOTAL	940	1,126	1,600	3,083	1,597	1,265	1,067	2,113	2,105	864	1,283	464
MEAN	30.3	37.5	51.6	99.5	55.1	40.8	35.6	68.2	70.2	27.9	41.4	15.5
MAX	122	110	160	794	115	63	54	561	886	45	210	22
MIN	15	23	33	32	38	34	27	27	24	20	17	13
CFSM	1.03	1.27	1.75	3.37	1.87	1.38	1.21	2.31	2.38	.95	1.40	.53
IN.	1.19	1.42	2.02	3.89	2.01	1.60	1.35	2.66	2.65	1.09	1.62	.59

CAL YR 1971 TOTAL 16,415 MEAN 45.0 MAX 830 MIN 15 CFSM 1.53 IN 20.70
WTR YR 1972 TOTAL 17,507 MEAN 47.8 MAX 886 MIN 13 CFSM 1.62 IN 22.08

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	0815	4.31	1,240	5-14	1930	3.01	718
1-13	1500	2.54	554	6-21	1145	4.13	1,160

Note.--No gage-height record Oct. 25 to Dec. 10, July 16 to Aug. 23.

02166500 Lake Greenwood near Chappells, S.C.

LOCATION.--Lat 34°10'08", long 81°54'30", Newberry County, at left upstream end of dam on Saluda River, 0.7 mile upstream from Wilson Creek and 2.4 miles west of Chappells.

DRAINAGE AREA.--1,150 sq mi, approximately.

PERIOD OF RECORD.--May 1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is 400.00 ft above mean sea level (levels by Dan T. Duncan Engineering Co.); gage readings have been reduced to elevations above mean sea level. Prior to June 11, 1940, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum elevation, 441.61 ft June 23; minimum, 432.58 ft Nov. 24.
Period of record: Maximum elevation, 442.02 ft Mar. 5, 1952; minimum elevation since normal reservoir level was first reached, 424.42 ft Oct. 16, 1947.

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 cu ft between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) above mean sea level. Dead storage is about 3,300,000,000 cu ft. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1½ ft flashboards on top of spillway gates is 441.5 ft above mean sea level. Water is used for generation of power.

Capacity table (elevation, in feet, and usable contents, in billions of cubic feet)
(Prepared from capacity curve drawn by D. T. Duncan, Engineer)

431.0	3.70
433.0	4.51
436.0	5.82
439.0	7.18
442.0	8.56

ELEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	437.04	435.13	432.75	434.89	436.90	436.73	438.82	439.43	439.51	439.57	438.93	439.02
2	437.11	435.47	432.79	434.91	436.72	436.86	438.55	439.42	439.32	439.70	438.99	439.08
3	437.17	435.40	432.81	434.60	436.87	437.07	438.40	439.23	439.00	439.47	438.93	439.11
4	436.87	435.80	432.73	434.34	436.70	436.91	438.59	439.44	439.16	439.58	438.87	439.01
5	436.59	435.74	433.07	434.51	436.40	437.21	438.60	439.43	439.27	439.43	439.00	439.09
6	436.67	435.70	433.19	434.99	436.38	437.32	438.66	439.56	439.54	439.36	439.08	439.13
7	436.33	435.66	433.91	434.99	436.30	437.41	438.77	439.70	439.46	439.48	438.97	439.18
8	436.13	435.40	435.01	434.90	436.18	437.22	438.84	439.69	439.51	439.45	438.86	439.14
9	436.27	435.15	435.84	435.12	436.08	437.29	438.79	439.46	439.32	439.67	439.37	439.23
10	436.25	434.80	435.98	436.28	435.81	437.43	438.81	439.50	439.49	439.56	439.33	439.27
11	436.01	434.43	435.73	439.19	435.70	437.23	438.89	439.44	439.57	439.40	439.72	438.96
12	436.01	434.20	435.92	440.48	435.61	437.45	439.00	439.19	439.49	439.50	439.73	438.67
13	435.75	434.12	435.61	441.16	435.59	437.57	439.01	439.45	439.39	439.34	439.69	438.39
14	435.58	434.23	435.71	441.36	435.72	437.83	438.92	440.05	439.25	439.29	439.72	438.26
15	435.16	434.15	434.98	441.37	435.70	437.90	438.80	440.93	439.12	439.45	439.67	437.98
16	435.07	434.19	434.85	441.25	435.68	438.13	438.93	441.13	439.26	439.59	439.67	437.95
17	435.80	434.06	434.74	441.03	435.90	438.37	439.02	440.91	439.31	439.43	439.48	438.01
18	435.90	433.77	434.63	440.72	436.19	438.26	439.00	440.59	439.42	439.33	439.41	437.95
19	436.65	433.55	434.64	440.37	436.18	438.24	439.02	440.23	439.38	439.43	439.12	437.79
20	435.39	433.24	434.45	440.03	436.09	438.39	439.12	439.90	439.64	439.27	439.24	437.86
21	435.18	433.26	434.28	439.68	435.91	438.51	439.14	439.67	441.36	439.08	439.31	437.91
22	435.03	433.04	434.19	439.28	436.17	438.72	438.84	439.62	441.56	438.87	439.15	437.84
23	435.23	432.82	434.09	438.88	436.21	438.77	439.09	439.43	441.40	438.99	438.92	437.84
24	435.43	432.58	434.30	438.50	436.44	438.91	439.16	439.13	441.13	438.71	438.90	437.87
25	435.21	432.68	434.60	438.10	436.57	438.69	439.32	439.35	440.75	438.83	438.71	437.60
26	435.25	433.05	434.87	437.63	436.43	438.50	439.38	439.27	440.35	438.63	438.69	437.28
27	435.15	432.97	435.02	437.13	436.31	438.60	439.39	439.36	439.81	438.86	438.77	437.17
28	434.82	433.08	434.92	436.74	436.52	438.71	439.40	439.64	439.44	439.05	438.79	436.87
29	434.64	432.80	434.75	436.70	436.63	438.83	439.22	439.53	439.42	439.21	438.90	436.75
30	434.81	432.72	434.64	437.04	------	438.92	439.20	439.38	439.36	439.05	438.96	436.86
31	435.07	------	434.92	436.99	------	438.66	------	439.48	------	438.97	439.01	------
MEAN	435.79	434.11	434.51	437.84	436.20	437.96	438.96	439.69	439.73	439.28	439.16	438.24
MAX	437.17	435.80	435.98	441.37	436.90	438.92	439.40	441.13	441.56	439.70	439.73	439.27
MIN	434.64	432.58	432.73	434.34	435.59	436.73	438.40	439.13	439.00	438.63	438.69	436.75

WTR YR 1972 MEAN 437.63 MAX 441.56 MIN 432.58

0216700 Saluda River at Chappells, S.C.

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, on left bank at downstream side of bridge on State Highway 39 at Chappells, 6.7 miles downstream from dam at Lake Greenwood, 9.8 miles upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,350 sq mi, approximately.

PERIOD OF RECORD.--October 1926 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at practically same site since 1905 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 362.89 ft above mean sea level. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft downstream at datum 363.79 ft above mean sea level. Oct. 1, 1939 to Oct. 7, 1964, recording gage at present site and at datum 363.89 ft above mean sea level.

AVERAGE DISCHARGE.--46 years, 1,928 cfs (19.39 inches per year).

EXTREMES.--Current year: Maximum discharge, 17,400 cfs June 22 (gage height, 21.69 ft); minimum, 34 cfs Sept. 24; minimum daily, 222 cfs Aug. 31.

Period of record: Maximum discharge, 63,700 cfs Oct. 2, 1929 (gage height, 32.5 ft, present datum), from rating curve extended above 27,000 cfs on basis of velocity-area studies; minimum, 8 cfs Oct. 29, 1939; minimum daily, 8 cfs Oct. 29, 1939, caused by construction work above station.

The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

REMARKS.--Records good. Flow regulated by Lake Greenwood (see sta. 02168500).

REVISIONS (WATER YEARS).--WSP 972: Drainage area. WSP 1303: 1942-45.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,830	2,890	1,940	1,730	3,340	1,250	2,280	519	1,210	1,200	2,180	704
2	1,020	3,840	1,850	1,650	4,550	1,450	3,710	1,260	2,170	1,050	939	335
3	534	4,830	2,610	2,660	4,430	1,390	3,230	2,680	3,000	2,150	1,210	561
4	1,870	3,870	2,350	2,890	5,730	2,800	1,530	1,180	890	1,960	2,050	1,010
5	2,180	4,610	2,300	2,650	5,050	1,350	1,700	1,540	662	2,870	533	389
6	841	3,120	3,460	1,950	2,930	946	1,790	624	470	3,510	610	641
7	1,920	2,370	4,770	2,400	3,020	1,230	1,350	389	1,090	1,880	1,560	355
8	1,970	3,090	5,310	2,540	2,970	3,000	2,010	2,590	1,690	2,420	2,380	753
9	781	2,740	5,000	1,520	2,770	1,590	2,150	4,700	2,050	624	2,020	407
10	509	3,460	4,750	3,330	3,070	1,220	1,670	2,710	1,470	2,070	2,810	247
11	2,110	3,150	4,680	6,620	2,810	2,680	2,030	2,030	561	2,170	907	2,220
12	618	2,630	2,270	7,420	2,800	1,200	1,750	2,690	1,740	690	2,000	1,890
13	1,990	1,530	4,560	6,570	3,730	456	1,550	834	1,730	1,880	1,760	2,060
14	1,710	630	4,600	8,040	3,280	809	2,740	4,470	1,620	1,410	1,600	1,280
15	2,750	1,400	3,460	8,160	3,130	827	2,700	4,860	1,910	683	2,070	2,350
16	2,410	1,210	2,900	5,400	2,790	1,010	990	4,840	862	380	1,430	876
17	730	1,680	3,310	4,870	1,490	767	939	4,700	785	1,630	1,850	288
18	2,820	2,720	3,050	4,820	2,050	2,380	1,630	4,610	366	2,070	1,390	932
19	2,850	2,460	2,320	4,740	4,160	2,060	1,560	4,650	1,510	508	2,340	1,700
20	2,670	2,700	2,960	4,700	3,340	386	904	4,710	5,000	1,510	1,130	631
21	2,440	1,200	3,270	4,680	3,750	1,150	1,060	4,670	6,200	2,080	753	610
22	2,950	2,140	2,860	4,680	1,230	1,290	3,350	4,860	13,800	2,270	1,590	1,130
23	3,400	2,080	2,650	4,660	1,490	3,080	949	4,780	11,200	725	1,870	398
24	3,150	2,730	1,390	4,640	1,490	1,430	1,010	4,730	5,290	2,280	1,510	249
25	4,070	1,840	550	4,620	1,340	3,370	883	2,130	4,650	935	1,280	1,850
26	2,530	1,460	543	4,600	2,860	3,290	1,190	2,100	4,590	1,800	1,410	2,140
27	2,600	2,000	951	4,580	2,680	1,290	750	1,860	4,590	813	338	1,980
28	2,820	1,840	1,950	4,240	1,210	1,430	1,060	452	4,210	363	708	1,720
29	2,640	2,590	2,490	2,500	1,310	2,760	2,110	2,190	2,390	1,120	431	1,710
30	759	2,660	2,520	1,550	------	3,180	1,570	2,550	2,030	2,110	392	739
31	359	------	904	3,000	------	4,880	------	1,730	------	2,450	222	------
TOTAL	62,831	75,470	88,528	128,410	84,800	55,951	52,145	88,638	89,736	49,611	43,273	32,155
MEAN	2,027	2,516	2,856	4,142	2,924	1,805	1,738	2,859	2,991	1,600	1,396	1,072
MAX	4,070	4,830	5,310	8,160	5,730	4,880	3,710	4,860	13,800	3,510	2,810	2,350
MIN	359	630	543	1,520	1,210	386	750	389	366	363	222	247

CAL YR 1971 TOTAL 819,436 MEAN 2,245 MAX 16,500 MIN 228
WTR YR 1972 TOTAL 851,548 MEAN 2,327 MAX 13,800 MIN 222

02168500 Lake Murray near Columbia, S.C.

LOCATION.--Lat 34°03'07", long 81°13'15", Lexington County, in intake tower 500 ft upstream from dam on Saluda River and 10 miles upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 sq mi, approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.64 ft below mean sea level. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum elevation, 359.51 ft June 27; minimum elevation at 2400, 352.20 ft Dec. 21 (from log).
Period of record: Maximum gage height, 361.51 ft Apr. 10, 1936; minimum gage height since generation of power was started, 320.96 ft Dec. 23, 1941.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 cu ft between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 cu ft. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates 362 ft; gage height of other spillway crest, 340 ft with top of gates 365 ft. Water is used for generation of power.

Capacity table (gage height, in feet, and usable contents, in billions of cubic feet)
(Prepared by Lexington Water Power Co. from topographic map, contour survey, and study of change in reservoir elevation due to inflow)

350	50.77
352	54.30
356	61.91
358	66.00
360	70.30

ELEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.65	354.87	352.88	352.50	354.60	354.00	355.10	356.60	358.72	359.25	357.50	355.56
2	354.67	354.80	352.61	352.50	354.56	354.10	355.20	356.59	358.70	359.30	357.40	355.55
3	354.65	354.91	352.69	352.50	354.70	354.00	355.40	356.68	358.73	359.25	357.23	355.55
4	354.61	354.85	352.76	352.50	354.67	354.00	355.40	356.75	358.78	359.37	357.12	355.34
5	354.55	354.83	352.98	352.50	354.78	354.20	355.30	356.77	358.50	359.42	357.12	355.28
6	354.59	354.92	352.98	352.40	354.99	354.00	355.30	356.80	358.32	359.34	357.10	355.20
7	354.57	354.99	353.07	352.30	354.77	354.10	355.30	356.82	358.22	359.32	356.80	355.15
8	354.65	354.85	353.05	352.30	354.52	354.10	355.50	356.90	358.23	359.35	356.63	355.10
9	354.72	354.70	352.89	352.40	354.20	354.00	355.50	357.07	358.18	359.40	356.56	355.08
10	354.77	354.54	352.74	352.80	354.20	353.94	355.60	357.22	358.19	359.29	356.58	355.05
11	354.82	354.34	352.94	353.40	354.10	354.00	355.60	357.25	358.17	359.26	356.68	355.05
12	354.83	354.34	353.10	353.70	354.20	354.10	355.60	357.30	358.06	359.24	356.68	355.06
13	354.87	354.05	353.02	354.20	354.50	354.03	355.50	357.39	357.90	359.15	356.73	354.98
14	354.93	353.98	352.97	354.60	354.40	354.04	355.60	357.62	357.73	359.07	356.68	354.79
15	355.00	353.82	352.86	354.70	354.10	354.00	355.70	355.85	357.63	359.00	356.60	354.62
16	355.07	353.62	352.68	354.80	354.20	354.09	355.70	358.03	357.58	358.92	356.62	354.61
17	355.13	353.38	352.55	354.70	354.00	354.10	355.60	358.16	357.58	358.73	356.54	354.60
18	355.06	353.36	352.62	354.70	353.80	354.15	355.60	358.33	357.56	358.55	356.37	354.56
19	355.07	353.35	352.80	354.61	353.90	354.24	355.60	358.42	357.61	358.50	356.30	354.32
20	355.06	353.16	352.70	354.48	354.00	354.26	355.70	358.64	358.01	358.20	356.35	354.30
21	355.07	353.06	352.50	354.47	354.00	354.30	355.70	358.86	358.14	358.00	356.34	354.30
22	355.12	353.03	352.30	354.60	353.90	354.40	355.80	358.80	358.40	357.80	356.21	354.21
23	355.18	352.93	352.20	354.80	353.70	354.52	355.90	358.77	358.81	357.80	356.10	354.21
24	355.57	352.93	352.30	354.74	353.70	354.55	356.36	358.72	359.13	357.70	356.02	354.21
25	355.49	353.04	352.30	354.66	353.70	354.66	356.40	358.70	359.35	357.60	355.86	354.10
26	355.35	353.09	352.30	354.58	353.80	354.53	356.42	358.72	359.35	357.50	355.89	354.03
27	355.18	353.14	352.30	354.48	354.00	354.66	356.42	358.78	359.43	357.50	356.12	353.84
28	355.02	353.23	352.30	354.45	353.90	354.63	356.45	358.83	359.39	357.40	355.93	353.59
29	354.93	353.14	352.30	354.60	353.90	354.60	356.50	358.80	359.25	357.30	355.82	353.47
30	354.97	352.92	352.30	354.80	------	354.80	356.57	358.70	359.23	357.40	355.70	353.47
31	354.95	------	352.50	354.66	------	354.90	------	358.73	------	357.50	355.62	------
MEAN	354.94	353.87	352.64	353.85	354.20	354.26	355.74	357.79	358.43	358.56	356.49	354.64
MAX	355.57	354.99	353.10	354.80	354.99	354.90	356.57	358.86	359.43	359.42	357.50	355.56
MIN	354.55	352.92	352.20	352.30	353.70	353.94	355.10	355.85	357.56	357.30	355.62	353.47

WTR YR 1972 MEAN 355.46 MAX 359.43 MIN 352.20

02169000 Saluda River near Columbia, S.C.

LOCATION.--Lat 34°00'50", long 81°05'17", Richland County, on left bank 0.4 mile upstream from site of old Saluda mill, 1.6 miles upstream from confluence with Broad River and 3.3 miles west of State Capitol in Columbia, and at mile 1.67.

DRAINAGE AREA.--2,510 sq mi, approximately.

PERIOD OF RECORD.--August 1925 to current year.

GAGE.--Water-stage recorder. Datum of gage is 149.46 ft above mean sea level. Prior to Sept. 1, 1929, at same site at datum 150.46 ft above mean sea level.

AVERAGE DISCHARGE.--47 years, 2,852 cfs (15.43 inches per year).

EXTREMES.--Current year: Maximum discharge, 18,200 cfs Jan. 11 (gage height, 7.93 ft); minimum, 132 cfs Feb. 24; minimum daily, 455 cfs Oct. 9.

Period of record: Maximum discharge, 67,000 cfs Oct. 2, 1929 (gage height, 15.22 ft), from rating curve extended above 36,000 cfs on basis of discharge measurements made at Wise Ferry Bridge near Chapin; minimum, 11 cfs July 13, 1930; minimum daily, 12 cfs July 13, 1930, caused by construction work above station.

REMARKS.--Records poor. Flow regulated by Lake Murray (see sta 02168500) and Lake Greenwood (see sta 02166500). Records of chemical analyses are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 972: Drainage area. WSP 1303: 1929-30 (monthly and yearly runoff).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,780	4,720	3,390	891	9,310	709	1,490	1,500	1,600	1,500	3,800	1,750
2	1,790	6,240	7,660	568	10,400	2,150	660	2,300	2,100	2,000	4,300	704
3	1,170	4,200	5,930	3,350	11,400	2,770	2,160	1,200	1,500	2,400	4,900	525
4	2,250	4,870	3,190	4,560	10,400	1,830	3,060	1,000	1,600	3,100	5,000	5,000
5	3,350	5,610	1,000	3,210	4,960	722	3,220	850	8,100	4,000	2,200	2,720
6	1,300	1,450	5,760	6,290	1,130	4,360	1,750	800	6,000	9,200	1,050	2,410
7	682	853	6,160	3,160	8,760	3,440	1,470	550	3,000	4,000	7,800	1,720
8	538	5,720	8,050	2,820	10,300	1,880	2,380	1,100	1,900	1,900	7,200	2,390
9	455	6,540	10,200	685	8,980	5,800	1,450	1,300	2,600	1,200	4,300	1,040
10	617	7,170	10,200	4,620	5,430	3,680	935	1,250	2,350	5,200	2,100	575
11	543	7,760	1,720	10,000	6,080	1,120	1,210	1,200	1,540	2,700	1,000	1,130
12	521	3,630	703	10,100	3,440	676	1,990	1,100	2,600	2,900	1,900	1,150
13	496	8,140	6,720	9,990	1,750	2,630	2,590	1,000	5,200	3,300	2,500	4,410
14	484	3,060	6,540	12,300	9,070	1,850	2,130	900	5,800	3,000	3,400	6,030
15	1,470	5,350	6,750	10,300	8,510	1,280	1,170	1,400	4,400	3,600	1,000	6,380
16	1,460	5,850	8,130	9,760	5,210	1,440	1,190	1,800	3,000	2,200	905	1,600
17	617	7,080	7,780	10,100	9,760	1,740	1,140	3,300	1,000	6,700	3,720	1,900
18	3,340	4,020	1,350	6,780	7,190	880	1,090	1,300	800	7,700	4,530	2,400
19	2,880	2,760	773	8,230	7,240	660	1,230	3,600	800	4,000	5,570	7,200
20	3,100	7,590	7,920	9,120	3,050	1,120	1,240	2,300	1,000	7,900	1,020	1,300
21	3,480	3,010	8,550	6,540	7,560	1,110	1,060	1,400	9,600	7,600	1,970	1,600
22	4,320	2,560	8,050	3,690	3,270	954	686	11,000	2,200	4,900	4,020	2,200
23	4,250	3,940	5,580	890	4,520	1,020	620	9,500	2,000	1,300	4,530	1,600
24	1,050	4,340	754	7,040	3,080	1,470	810	6,700	2,200	4,600	4,950	1,100
25	7,450	943	600	7,550	2,510	1,270	682	3,400	3,500	4,500	4,430	3,300
26	7,600	776	501	7,020	873	972	740	1,800	6,100	2,100	1,320	4,900
27	6,890	587	3,150	7,530	773	5,060	753	1,400	2,800	4,000	1,360	5,800
28	7,100	509	2,350	6,410	3,860	2,270	560	1,200	7,200	3,200	6,090	8,200
29	5,470	6,620	1,530	2,290	1,390	4,410	542	4,300	7,800	1,600	4,090	5,600
30	1,400	8,000	1,410	803	------	2,930	900	6,200	1,000	2,100	3,340	9,000
31	1,160	------	723	8,270	------	6,490	------	1,700	------	2,600	2,530	------
TOTAL	81,013	133,898	143,124	184,867	170,206	68,693	40,908	78,350	101,290	117,000	106,825	95,634
MEAN	2,613	4,463	4,617	5,963	5,869	2,216	1,364	2,527	3,376	3,774	3,446	3,188
MAX	7,600	8,140	10,200	12,300	11,400	6,490	3,220	11,000	9,600	9,200	7,800	9,000
MIN	455	509	501	568	773	660	542	550	800	1,200	905	525

CAL YR 1971 TOTAL 835,395 MEAN 2,289 MAX 10,200 MIN 365
WTR YR 1972 TOTAL 1,321,808 MEAN 3,611 MAX 12,300 MIN 455

Note.--No gage-height record Apr. 30 to June 8; June 12 to Aug. 15.

02169500 Congaree River at Columbia, S.C.

LOCATION.--Lat 33°59'35", long 81°03'00", Lexington County, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 miles downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 sq mi, approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorders. Datum of gage is 113.02 ft above mean sea level.

AVERAGE DISCHARGE.--33 years, 9,003 cfs (15.57 inches per year).

EXTREMES.--Current year: Maximum discharge, 63,900 cfs Jan. 12 (gage height, 19.26 ft); minimum, 1,330 cfs July 26 (gage height, 2.13 ft); minimum daily, 2,580 cfs Sept. 3.

Period of record: Maximum discharge, 142,000 cfs Apr. 10, 1964 (gage height, 28.60 ft); minimum, 588 cfs Jan. 10, 1942 (gage height, 0.94 ft); minimum daily, 662 cfs Oct. 18, 1954.

Maximum flood since at least Oct. 1891, discharge 364,000 cfs (gage height, 39.8 ft, present datum, at site 1,000 ft upstream, from records of National Weather Service.

REMARKS.--Records good. Flow regulated by Lake Murray (see sta 02168500), and Lake Greenwood (see sta 02166500) on Saluda River and to some extent, at low and medium flow, by powerplants on Broad River. City of Columbia diverts about 42 cfs above station for municipal supply.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,040	11,200	11,000	7,180	17,200	7,420	16,000	5,420	8,050	8,160	10,700	4,330
2	5,030	16,300	14,000	6,760	20,400	7,910	12,600	6,620	8,470	7,110	10,400	3,580
3	4,200	18,100	12,600	8,440	25,400	9,240	11,700	6,130	7,210	7,840	10,200	2,580
4	5,420	20,400	10,400	9,870	30,400	9,730	11,100	6,790	7,390	5,950	9,700	7,390
5	5,810	23,000	9,310	8,680	25,000	8,470	10,500	8,020	11,800	9,000	4,580	5,180
6	4,400	15,400	15,200	14,800	13,800	10,700	9,240	7,840	10,700	20,100	4,490	5,390
7	4,300	11,100	21,800	12,100	17,000	9,900	8,650	7,250	7,910	12,100	10,500	4,550
8	4,080	12,700	34,400	10,200	18,000	7,980	9,310	6,650	6,510	8,120	14,700	5,950
9	3,150	13,000	48,200	7,560	16,100	11,500	9,730	7,530	8,020	6,760	19,900	4,180
10	5,180	13,500	43,700	11,500	12,600	10,500	9,070	11,000	6,650	10,400	17,900	2,760
11	5,570	13,200	24,200	37,400	12,500	7,560	8,440	10,200	6,300	7,320	13,000	3,550
12	4,910	9,840	13,500	57,000	10,100	6,720	8,720	8,330	7,460	7,490	10,800	3,460
13	3,290	12,900	16,500	54,300	10,500	8,260	11,100	6,690	9,310	8,540	7,740	6,690
14	3,980	8,720	15,500	52,800	19,400	7,520	11,500	7,560	9,590	8,400	9,450	7,070
15	4,250	9,910	15,300	45,700	20,700	6,900	9,940	20,900	8,510	7,560	9,450	8,400
16	5,240	10,200	15,500	33,700	15,000	7,240	9,030	32,100	7,040	6,650	5,390	3,930
17	28,200	11,000	15,300	25,800	17,500	8,580	8,050	28,100	4,760	10,400	7,770	2,910
18	41,100	9,560	11,500	18,300	16,200	8,160	7,600	17,300	4,640	10,800	8,960	4,940
19	18,900	7,950	10,400	17,000	19,100	8,160	7,490	13,800	4,940	8,930	9,210	9,000
20	11,100	11,700	15,000	17,500	18,600	7,490	6,760	11,400	8,580	12,700	5,950	4,820
21	9,630	7,700	15,900	14,900	17,600	6,860	6,720	12,000	23,000	12,400	5,950	3,390
22	9,800	7,530	16,300	11,800	12,300	7,530	6,480	23,600	38,000	9,800	7,490	4,250
23	11,500	7,670	13,600	9,280	13,400	13,100	6,720	30,700	58,100	5,570	7,420	2,980
24	23,500	8,580	8,300	14,500	11,500	14,500	7,350	25,200	47,500	8,090	8,020	2,670
25	38,500	7,910	7,840	15,200	9,870	11,100	7,700	16,000	22,700	8,610	7,560	5,420
26	33,200	10,600	7,390	14,100	8,370	9,590	6,410	11,100	15,600	5,850	4,460	6,900
27	22,300	9,310	9,280	14,000	8,300	12,500	6,340	8,860	11,100	8,820	4,400	8,470
28	17,100	7,910	8,510	13,200	10,300	9,450	6,130	8,020	13,400	8,260	8,860	9,350
29	13,400	12,700	7,770	9,030	8,020	11,600	5,330	10,400	14,100	7,460	7,210	8,680
30	8,890	14,600	7,040	8,370	------	15,300	5,570	12,500	10,400	7,250	6,410	6,790
31	7,910	------	6,830	15,700	------	20,200	------	8,230	------	10,500	5,450	------
TOTAL	370,880	354,190	482,070	596,670	455,160	301,670	261,280	396,240	407,740	276,940	274,020	160,160
MEAN	11,960	11,810	15,550	19,250	15,700	9,731	8,709	12,780	13,590	8,934	8,839	5,339
MAX	41,100	23,000	48,200	57,000	30,400	20,200	16,000	32,100	58,100	20,100	19,900	9,350
MIN	3,150	7,530	6,830	6,760	8,020	6,720	5,330	5,420	4,640	5,570	4,400	2,580

CAL YR 1971 TOTAL 4,377,890 MEAN 11,990 MAX 76,000 MIN 1,080
WTR YR 1972 TOTAL 4,337,020 MEAN 11,850 MAX 58,100 MIN 2,580

02169550 Congaree Creek at Cayce, S.C.

LOCATION.--Lat 33°56'15", long 81°04'40", Lexington County, on left bank 20 ft downstream from bridge on U.S. Highway 21 at Cayce, 2.1 miles upstream from Sixmile Creek, and at mile 5.4.

DRAINAGE AREA.--136 sq mi.

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1925, 1944, 1949-59.

GAGE.--Water-stage recorder. Datum of gage is 128.98 ft above mean sea level (South Carolina Highway Department bench mark). Prior to Jan. 20, 1960, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--13 years, 227 cfs (22.67 inches per year).

EXTREMES.--Current year: Maximum discharge, 650 cfs Jan. 11 (gage height, 4.29 ft); minimum daily, 148 cfs Sept. 15.
Period of record: Maximum discharge, 1,840 cfs Oct. 1, 1959 (gage height, 5.92 ft, from floodmarks); minimum daily, 111 cfs June 20, 1970.
A discharge of 73.2 cfs was measured on May 10, 1956.

REMARKS.--Records good. About 1 cfs diverted by city of Cayce for municipal supply.

REVISIONS (WATER YEARS).--WSP 1703, 1723: 1960(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	183	225	284	186	348	222	400	163	222	186	275	188
2	188	228	271	186	338	220	314	164	184	168	316	171
3	193	225	275	192	366	221	246	188	171	160	237	161
4	188	218	422	192	374	218	211	222	165	177	167	159
5	183	206	477	217	335	220	201	204	160	340	160	160
6	185	200	391	185	290	217	206	177	156	394	159	167
7	182	196	310	196	275	209	217	167	167	314	160	165
8	177	189	294	191	269	206	215	173	177	227	182	161
9	177	187	265	185	257	206	216	207	169	175	192	158
10	220	187	241	228	244	202	209	209	165	163	172	156
11	323	187	234	508	237	198	204	181	161	161	172	154
12	321	207	252	596	238	192	213	169	155	165	176	150
13	253	197	253	504	286	193	220	161	153	169	172	150
14	207	188	234	578	330	194	211	202	153	188	170	150
15	194	188	234	536	292	193	202	249	151	252	170	148
16	193	198	220	415	260	197	194	309	150	297	200	149
17	195	207	213	321	252	250	185	307	150	363	200	150
18	191	194	215	278	257	290	177	231	149	303	190	178
19	186	189	180	264	278	260	175	191	155	212	180	182
20	185	187	202	255	292	221	175	235	246	182	170	166
21	194	184	235	252	267	204	175	249	552	168	160	161
22	234	179	253	253	244	218	182	240	473	161	160	158
23	307	178	234	257	232	246	220	275	328	161	154	156
24	323	191	208	260	227	229	231	269	221	163	154	158
25	355	250	203	250	225	204	217	217	171	185	152	154
26	385	290	198	237	225	206	186	182	173	180	152	154
27	330	260	196	227	232	206	169	193	168	169	155	155
28	271	228	196	231	235	204	167	195	166	171	182	162
29	237	244	194	250	225	218	165	225	183	195	321	186
30	221	294	191	335	------	246	165	238	188	192	343	209
31	221	------	191	394	------	366	------	231	------	173	260	------
TOTAL	7,202	6,299	7,784	9,159	7,930	6,876	6,268	6,613	5,982	6,504	6,013	4,876
MEAN	232	210	251	295	273	222	209	213	199	210	194	163
MAX	385	294	477	596	374	366	400	309	552	394	343	209
MIN	177	178	180	185	225	192	165	161	149	160	152	148
CFSM	1.71	1.54	1.85	2.17	2.01	1.63	1.54	1.57	1.46	1.54	1.43	1.20
IN.	1.97	1.72	2.13	2.51	2.17	1.88	1.71	1.81	1.64	1.78	1.64	1.33

CAL YR 1971 TOTAL 85,146 MEAN 233 MAX 1,030 MIN 130 CFSM 1.71 IN 23.29
WTR YR 1972 TOTAL 81,506 MEAN 223 MAX 596 MIN 148 CFSM 1.64 IN 22.29

PEAK DISCHARGE (BASE, 600 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-11	2100	4.29	650				

02169570 Gills Creek at Columbia, S.C.

LOCATION.--Lat 33°59'22", long 80°58'28", Richland County, at upstream side of bridge on U.S. Highway 378 and 76 (Devine Street) at Columbia, 0.75 mile downstream from Lake Katherine, and at mile 7.7.

DRAINAGE AREA.--59.6 sq mi.

PERIOD OF RECORD.--Water years 1964-66 (annual maximum), September 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 137.38 ft above mean sea level. Apr. 1, 1964 to Aug. 6, 1966, crest-stage gage at same site and datum.

AVERAGE DISCHARGE.--6 years, 73.6 cfs (16.77 inches per year).

EXTREMES.--Current year: Maximum discharge, 605 cfs Jan. 14 (gage height, 5.22 ft); minimum daily, 14 cfs Sept. 23-26.
Period of record: Maximum discharge, 1,570 cfs Mar. 3, 1971 (gage height, 7.20 ft); minimum daily, 11 cfs Apr. 4, 1967, Oct. 5, 6, 1969.
Flood of Oct. 1, 1964 reached a stage of 8.72 ft (discharge, 2,950 cfs).

REMARKS.--Records good. Some possible interruption of natural flow by private lakes upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	158	118	99	34	166	48	92	24	55	85	94	23
2	98	124	84	40	200	85	86	29	51	67	63	20
3	62	90	162	63	233	62	80	45	47	59	49	20
4	57	68	235	70	245	66	77	60	45	79	41	20
5	57	67	218	78	212	66	69	57	40	93	35	21
6	46	61	229	76	168	55	65	53	43	80	31	20
7	43	56	141	73	146	60	66	41	51	66	31	20
8	40	51	123	71	124	75	66	51	41	57	56	20
9	39	48	113	72	111	72	63	67	37	51	64	20
10	115	46	108	229	102	51	62	60	34	47	132	19
11	101	46	100	430	96	15	62	54	31	44	95	18
12	84	46	92	384	106	26	62	48	30	40	71	18
13	66	45	86	386	143	34	60	44	29	37	57	18
14	56	45	81	528	154	24	60	75	29	40	52	19
15	52	45	80	515	132	15	58	116	24	52	48	18
16	49	49	80	372	111	24	56	137	21	55	47	17
17	60	48	81	214	109	24	52	92	20	83	39	20
18	71	46	74	153	111	52	52	72	19	54	29	21
19	64	47	66	139	131	76	53	57	32	45	27	19
20	57	47	90	131	163	116	52	66	79	39	27	18
21	66	46	102	137	168	109	48	61	166	35	26	17
22	91	46	90	135	150	106	55	69	166	52	25	15
23	93	44	91	130	138	89	54	80	110	43	24	14
24	125	93	90	120	138	74	54	69	71	36	23	14
25	173	104	90	112	98	64	62	65	59	36	23	14
26	172	95	86	104	87	66	42	62	61	35	22	14
27	138	84	84	96	91	72	16	55	97	43	24	15
28	103	76	79	90	91	73	16	51	136	62	24	17
29	76	144	76	120	73	67	16	56	122	102	24	19
30	69	127	71	150	------	71	20	60	118	78	22	18
31	80	------	38	170	------	98	------	59	------	80	21	------
TOTAL	2,560	2,052	3,246	5,422	3,997	1,935	1,676	1,935	1,864	1,775	1,346	546
MEAN	82.6	68.4	105	175	138	62.4	55.9	62.4	62.1	57.3	43.4	18.2
MAX	173	144	235	528	245	116	92	137	166	102	132	23
MIN	38	44	38	34	73	15	16	24	19	35	21	14
CFSM	1.39	1.15	1.76	2.94	2.32	1.05	.94	1.05	1.04	.96	.73	.31
IN.	1.60	1.28	2.03	3.38	2.49	1.21	1.05	1.21	1.16	1.11	.84	.34

CAL YR 1971 TOTAL 41,586 MEAN 114 MAX 982 MIN 26 CFSM 1.91 IN 25.96
WTR YR 1972 TOTAL 28,354 MEAN 77.5 MAX 528 MIN 14 CFSM 1.30 IN 17.70

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-14	0200	5.22	605				

02169615 Mill Creek near Hopkins, S.C.

LOCATION.--Lat 33°56'36", long 80°54'45", Richland County, on right downstream wingwall of culvert 200 ft downstream from spillway of Caughmans Pond, 0.1 mile upstream from Seaboard Coast Line Railroad bridge, 0.3 mile downstream from U.S. Highway 76, 3.3 miles northwest of Hopkins, and at mile 24.8.

DRAINAGE AREA.--12.7 sq mi.

PERIOD OF RECORD.--December 1967 to May 1972 (discontinued).

GAGE.--Water-stage recorder. Altitude of the gage is 185 ft (from topographic map).

EXTREMES.--Current year: Maximum discharge, 110 cfs Mar. 31 (gage height, 4.60 ft); minimum daily, 0.52 cfs May 31.
Period of record: Maximum discharge, 236 cfs May 23, 1969 (gage height, 5.53 ft); minimum daily, 0.15 cfs Mar. 14, 1970.

REMARKS.--Records good. Flow at times is regulated by the spillway gates at Caughmans Pond.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	11	27	12	18	8.4	37	4.6				
2	11	11	28	12	25	7.9	14	6.0				
3	11	10	27	13	29	7.8	14	5.4				
4	11	9.8	20	12	33	7.7	7.2	4.0				
5	10	9.2	29	13	23	7.6	1.4	3.5				
6	10	9.1	30	13	18	7.6	2.4	3.8				
7	9.8	9.1	30	13	19	8.0	8.4	5.2				
8	9.1	8.8	26	12	16	8.8	11	7.1				
9	8.9	8.7	19	12	15	9.8	11	5.1				
10	13	8.8	16	16	14	7.8	10	5.2				
11	13	8.8	15	66	13	10	11	4.6				
12	12	8.8	15	65	15	7.5	11	3.7				
13	11	8.8	15	46	22	9.0	11	3.3				
14	12	8.8	15	68	18	9.6	11	3.1				
15	20	8.8	15	47	15	6.2	11	3.3				
16	16	9.0	15	37	15	7.5	9.6	3.7				
17	13	9.1	14	26	16	12	8.4	4.0				
18	12	9.1	14	29	16	11	8.3	5.5				
19	12	9.2	13	27	17	9.9	11	3.8				
20	13	9.2	14	27	15	6.9	11	2.8				
21	13	9.3	15	30	12	1.4	11	2.3				
22	14	9.2	15	25	13	1.4	11	1.4				
23	14	9.2	14	26	9.5	1.4	12	1.1				
24	16	12	14	37	8.4	1.3	12	1.0				
25	29	20	13	30	8.2	2.2	13	1.2				
26	21	18	13	22	7.0	6.8	11	1.1				
27	19	17	13	19	7.0	9.2	8.5	.98				
28	16	16	13	14	9.8	9.8	7.5	.89				
29	13	19	13	20	8.7	10	7.0	.66				
30	12	23	13	26	------	13	7.0	.55				
31	12	------	12	28	------	46	------	.52	------			------
TOTAL	417.8	337.8	552	843	455.6	273.5	319.7	99.40				
MEAN	13.5	11.3	17.8	27.2	15.7	8.82	10.7	3.21				
MAX	29	23	30	68	33	46	37	7.1				
MIN	8.9	8.7	12	12	7.0	1.3	1.4	.52				
CFSM	1.06	.89	1.40	2.14	1.24	.69	.84	.25				
IN.	1.22	.99	1.62	2.47	1.33	.80	.94	.29				

CAL YR 1971 TOTAL 6,163.1 MEAN 16.9 MAX 113 MIN 5.4 CFSM 1.33 IN 18.05

02169630 Big Beaver Creek near St. Matthews, S.C.

LOCATION.--Lat 33°44'12", long 80°57'30", Calhoun County, on right downstream wingwall of bridge on U.S. Highway 21, 0.1 mile downstream from Rock Branch, 11.6 miles northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 sq mi.

PERIOD OF RECORD.--July 1966 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 175 ft (from topographic map).

AVERAGE DISCHARGE.--6 years, 13.2 cfs (17.93 inches per year).

EXTREMES.--Current year: Maximum discharge, 101 cfs Aug. 24 (gage height, 3.97 ft); minimum daily, 7.0 cfs July 10-13, 19-24, Aug. 4. Period of record: Maximum discharge, 1,360 cfs July 29, 1971 (gage height 6.66 ft); minimum daily, 4.7 cfs July 3, 12, Aug. 4, 1970.

REMARKS.--Records good except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	16	17	13	29	20	14	14	18	14	8.0	19
2	13	15	15	14	43	21	13	14	16	13	8.0	16
3	12	19	36	13	43	21	12	15	14	12	8.0	15
4	11	16	46	13	37	20	11	16	13	11	7.0	17
5	11	14	25	19	28	20	10	13	12	8.0	8.0	30
6	11	14	21	15	27	19	10	13	12	16	8.0	18
7	10	13	20	13	28	19	10	13	15	13	10	15
8	10	12	18	13	26	19	10	21	12	10	12	14
9	11	13	18	12	24	18	9.0	18	12	8.0	15	14
10	36	13	17	27	24	18	10	13	14	7.0	19	13
11	18	13	17	44	23	18	13	12	14	7.0	19	12
12	13	13	17	28	28	18	20	12	12	7.0	14	12
13	12	13	17	45	30	18	18	13	11	7.0	11	12
14	12	13	16	69	24	18	17	22	11	8.0	9.0	12
15	13	13	16	30	23	18	17	17	10	12	8.0	12
16	13	13	16	23	23	24	17	14	10	14	8.0	12
17	13	13	17	21	24	29	16	12	9.8	10	8.0	13
18	12	13	15	21	25	20	16	12	9.8	8.0	13	16
19	12	13	14	20	29	19	16	12	18	7.0	13	13
20	13	13	20	19	23	18	16	15	43	7.0	15	12
21	18	13	18	20	22	21	16	29	43	7.0	13	12
22	26	13	15	20	22	32	17	19	18	7.0	12	12
23	20	13	14	20	21	21	20	19	14	7.0	12	11
24	33	32	14	18	21	19	16	15	13	7.0	39	11
25	36	30	14	17	21	19	15	13	12	11	32	11
26	19	17	14	15	23	12	15	14	12	17	18	11
27	16	16	15	15	22	11	14	16	12	30	17	11
28	15	15	15	15	21	12	14	24	16	20	27	15
29	15	35	14	55	20	15	15	23	18	14	38	17
30	15	21	14	49	------	20	14	24	21	11	19	19
31	16	------	14	36	------	16	------	36	------	9.0	17	------
TOTAL	498	480	559	752	754	593	431.0	523	465.6	339.0	465.0	427
MEAN	16.1	16.0	18.0	24.3	26.0	19.1	14.4	16.9	15.5	10.9	15.0	14.2
MAX	36	35	46	69	43	32	20	36	43	30	39	30
MIN	10	12	14	12	20	11	9.0	12	9.8	7.0	7.0	11
CFSM	1.61	1.60	1.80	2.43	2.60	1.91	1.44	1.69	1.55	1.09	1.50	1.42
IN.	1.85	1.79	2.08	2.80	2.80	2.21	1.60	1.95	1.73	1.26	1.73	1.59

CAL YR 1971 TOTAL 7,585.6 MEAN 20.8 MAX 285 MIN 6.6 CFSM 2.08 IN 28.22
WTR YR 1972 TOTAL 6,286.6 MEAN 17.2 MAX 69 MIN 7.0 CFSM 1.72 IN 23.39

PEAK DISCHARGE (BASE, 100 CFS)

Note.--No gage-height record July 5 to Aug. 17.

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
8-24	1915	3.97	101				

02170500 Lakes Marion-Moultrie diversion canal near Pineville, S.C.

LOCATION.--Lat 33°23'15", long 80°08'25", Berkeley County, on right bank 0.6 mile upstream from bridge on State Highway 45 and 7.0 miles southwest of Pineville.

PERIOD OF RECORD.--October 1943 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 60.0 ft above mean sea level (levels by South Carolina Public Service Authority). Auxiliary water-stage recorder 3.9 miles downstream from base gage.

AVERAGE DISCHARGE.--29 years, 14,556 cfs.

EXTREMES.--Period of record: Maximum daily discharge, 40,200 cfs Mar. 10, 1952; minimum daily (normal operation), 61 cfs Sept. 24, 25, 1956; maximum daily reverse flow, 12,100 cfs Feb. 9, 1947 (caused by unusual operation of gates).

REMARKS.--Records good except those for periods of no gage-height record which are poor. Canal diverts water from Lake Marion to Lake Moultrie for generation of power and for navigation. Water is discharged from powerplant and navigation lock into West Branch Cooper River.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15,000	28,400	18,700	18,800	26,800	24,800	18,700	2,500	25,300	30,000	9,740	11,900
2	14,200	28,100	18,800	19,400	26,800	24,000	21,600	1,120	23,500	29,100	13,700	10,100
3	17,400	27,000	18,900	19,500	26,500	24,300	21,200	1,130	20,900	27,700	14,200	5,360
4	15,500	23,800	20,700	17,900	27,200	22,600	22,600	1,140	18,900	25,100	15,400	5,260
5	15,100	19,000	20,700	18,800	26,900	21,500	22,300	1,000	16,900	20,200	14,600	9,050
6	17,300	17,700	21,100	17,200	27,700	17,500	22,000	2,100	13,000	16,300	11,700	6,010
7	14,500	17,500	21,300	17,800	26,800	17,000	20,400	5,600	12,800	17,100	13,700	7,950
8	15,300	13,300	22,200	18,900	27,500	18,500	20,800	5,630	9,750	17,500	14,100	6,920
9	15,700	14,900	22,900	19,400	28,400	18,400	18,700	9,480	11,600	17,500	15,000	8,630
10	19,500	13,700	23,800	21,000	28,100	19,200	17,400	7,630	13,700	17,200	16,400	7,500
11	14,200	12,800	25,500	20,800	27,400	19,100	17,900	1,000	7,640	15,100	17,600	6,300
12	15,100	10,500	27,900	21,500	26,100	17,300	17,700	12,400	9,790	13,800	19,600	2,910
13	15,100	11,300	30,200	23,500	24,600	14,200	17,400	12,800	8,670	12,700	19,500	5,960
14	14,000	15,600	31,400	27,000	26,600	15,800	17,200	16,700	7,630	12,700	18,400	8,630
15	16,600	16,700	31,100	31,700	27,700	14,300	17,400	17,900	9,790	9,470	17,900	9,920
16	14,400	17,500	30,500	30,000	28,200	13,800	17,200	20,700	11,700	9,510	17,100	10,800
17	19,500	16,400	30,100	34,600	27,800	16,300	15,700	21,200	13,200	10,700	16,200	12,600
18	22,600	16,800	28,900	36,000	27,200	13,800	15,400	22,900	13,200	13,300	15,100	8,480
19	21,300	17,500	28,400	24,700	25,800	14,700	16,200	24,800	14,800	13,300	13,200	8,340
20	20,200	18,000	27,800	34,900	26,900	12,800	16,800	26,100	18,000	13,800	14,400	7,800
21	25,800	19,200	27,300	32,300	26,600	13,700	15,900	26,900	23,700	15,100	10,400	7,480
22	24,800	18,000	26,500	31,900	27,400	16,400	17,400	27,100	22,400	15,500	12,200	7,550
23	24,900	17,300	26,400	30,800	27,900	16,400	15,300	27,100	23,100	14,600	11,900	6,910
24	26,600	18,400	26,700	30,200	28,300	13,700	13,200	27,200	23,200	15,100	13,300	5,070
25	25,000	17,700	26,700	29,900	28,000	15,900	14,100	27,600	23,400	15,900	12,300	5,170
26	27,200	16,800	26,200	29,100	27,900	16,300	14,900	28,600	27,200	16,200	10,800	5,670
27	26,700	17,300	24,700	28,400	27,400	15,400	13,700	28,800	29,800	16,900	7,200	8,980
28	25,500	17,800	22,600	28,300	26,900	16,500	11,800	28,800	31,300	15,900	22,700	8,480
29	26,800	18,400	20,800	27,800	26,000	16,900	5,660	28,300	31,400	15,900	6,990	9,980
30	27,800	18,900	20,600	27,500	------	18,200	2,480	27,000	30,900	14,200	7,970	14,800
31	28,300	------	19,800	27,300	------	18,500	------	25,700	------	13,200	9,350	------
TOTAL	621,900	536,300	769,200	796,900	787,400	537,800	499,040	516,930	547,170	510,580	432,650	240,510
MEAN	20,060	17,880	24,810	25,710	27,150	17,350	16,630	16,680	18,240	16,470	13,960	8,017
MAX	28,300	28,400	31,400	36,000	28,400	24,800	22,600	28,800	31,400	30,000	22,700	14,800
MIN	14,000	10,500	18,700	17,200	24,600	12,800	2,480	1,000	7,630	9,470	6,990	2,910

CAL YR 1971 TOTAL 7,372,190 MEAN 20,200 MAX 33,100 MIN 3,580
WTR YR 1972 TOTAL 6,796,380 MEAN 18,570 MAX 36,000 MIN 1,000

Note.--No gage-height record Dec. 17 to Jan. 20 and Aug. 18 to Sept. 28.

02171000 Lake Marion near Pineville, S.C.

LOCATION.--Lat 33°27'00", long 80°09'50", Berkeley County, at right upstream end of spillway, 2.8 miles upstream from old Santee Canal, 5.4 miles upstream from Dead River, and 8 miles west of Pineville.

DRAINAGE AREA.--14,700 sq mi, approximately.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Santee Reservoir near Pineville.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Harza Engineering Co.). Prior to May 6, 1942, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum elevation, 76.93 ft Feb. 13 (affected by high wind); minimum, 71.64 ft Oct. 20.
Period of record: Maximum elevation, 77.35 ft Feb. 28, 1964 (affected by high wind); minimum, 61.36 ft Oct. 17, 1951.

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; dam completed in 1941. Usable capacity, 47,930,000,000 cu ft between elevations 60.0 ft (limit of drawdown) and 76.8 ft (maximum normal lake elevation). Dead storage, about 15,250,000,000 cu ft. Figures given herein represent usable contents. Elevation of spillway crest, 63.0 ft; top of spillway gates, 76.8 ft. Some water used for generation of power. Major portion of water is diverted from Lake Marion through canal to Lake Moultrie (see preceding page) for generation of power and for navigation.

Capacity table (elevation, in feet, and usable contents, in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

71.0	24.31
72.0	27.75
74.0	35.41
76.0	44.13
77.0	48.88

ELEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.23	73.60	74.91	75.06	76.46	75.94	75.67	75.03	76.17	76.50	75.78	75.58
2	73.22	73.50	74.83	74.94	76.35	75.81	75.70	75.12	76.01	76.41	75.78	75.50
3	73.12	73.42	74.99	74.80	76.60	75.71	75.80	75.31	75.90	76.30	75.78	75.48
4	73.05	73.32	75.00	74.69	76.46	75.61	75.87	75.45	75.78	76.12	75.77	75.46
5	72.99	73.42	75.02	74.62	76.52	75.58	75.84	75.50	75.66	76.09	75.77	75.48
6	72.91	73.72	75.03	74.59	76.63	75.52	75.84	75.62	75.63	76.00	75.80	75.52
7	72.79	74.01	75.09	74.52	76.62	75.49	75.85	75.62	75.62	76.00	75.84	75.48
8	72.68	74.30	75.10	74.43	76.50	75.53	75.68	75.72	75.70	76.01	75.80	75.44
9	72.72	74.64	75.19	74.43	76.55	75.39	75.63	75.72	75.73	75.99	75.86	75.38
10	72.70	74.90	75.28	74.40	76.61	75.26	75.60	75.69	75.74	75.89	75.81	75.29
11	72.52	75.16	75.51	74.41	76.70	75.28	75.52	75.74	75.75	75.89	75.95	75.25
12	72.41	75.44	75.99	74.38	76.72	75.31	75.48	75.82	75.72	75.86	76.00	75.24
13	72.33	75.66	76.39	74.52	76.64	75.31	75.42	75.90	75.73	75.80	76.00	75.20
14	72.22	75.80	76.55	74.87	76.50	75.29	75.40	76.03	75.73	75.79	75.96	75.20
15	72.04	75.82	76.61	75.47	76.50	75.23	75.39	75.96	75.79	75.89	75.88	75.08
16	71.95	75.80	76.58	75.88	76.53	75.41	75.49	75.90	75.81	75.92	75.80	75.14
17	71.77	75.72	76.59	76.29	76.55	75.23	75.36	75.87	75.80	75.93	75.74	75.19
18	71.71	75.69	76.42	76.60	76.77	75.22	75.30	75.99	75.78	75.92	75.65	75.24
19	71.64	75.67	76.40	76.70	76.49	75.22	75.26	76.08	75.61	75.90	75.59	75.25
20	71.77	75.64	76.39	76.68	76.40	75.23	75.21	76.21	75.69	75.89	75.54	75.27
21	72.10	75.52	76.30	76.60	76.44	75.20	75.13	76.30	75.56	75.89	75.55	75.36
22	72.35	75.31	76.18	76.64	76.48	75.23	75.15	76.27	75.39	75.89	75.51	75.37
23	72.47	75.27	76.13	76.70	76.51	75.08	75.07	76.29	75.29	75.94	75.45	75.32
24	72.57	75.29	76.12	76.69	76.50	75.09	75.16	76.32	75.21	76.06	75.40	75.37
25	72.56	75.14	76.09	76.67	76.49	75.23	75.02	76.38	75.37	75.98	75.37	75.36
26	72.62	75.07	75.99	76.60	76.48	75.28	74.98	76.49	75.81	75.99	75.39	75.36
27	72.72	75.10	75.80	76.55	76.39	75.35	74.92	76.55	76.21	75.98	75.40	75.40
28	72.96	75.01	75.59	76.50	76.27	75.40	74.88	76.62	76.48	75.91	75.46	75.46
29	73.29	75.10	75.41	76.60	76.10	75.43	74.92	76.54	76.52	75.86	75.51	75.48
30	73.52	74.96	75.32	76.60	------	75.50	74.98	76.42	76.52	75.81	75.55	75.50
31	73.62	------	75.19	76.48	------	75.59	------	76.31	------	75.78	75.57	------
MEAN	72.60	74.90	76.39	75.64	76.51	75.39	75.38	75.96	75.79	75.97	75.69	75.36
MAX	73.62	75.82	94.83	76.70	76.77	75.94	75.87	76.62	76.52	76.50	76.00	75.58
MIN	71.64	73.32	74.91	74.38	76.10	75.08	74.88	75.03	75.21	75.78	75.37	75.08

WTR YR 1972 MEAN 75.46 MAX 94.83 MIN 71.64

02171500 Santee River near Pineville, S.C.
(International Hydrological Decade Station)

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, on right bank 2.4 miles downstream from Lake Marion Dam, 3.0 miles upstream from Dead River, 6.7 miles west of Pineville, and at mile 85.0.

DRAINAGE AREA.--14,700 sq mi, approximately.

PERIOD OF RECORD.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.00 ft above mean sea level (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 miles upstream or temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

AVERAGE DISCHARGE.--30 years, 2,132 cfs (1.97 inches per year).

EXTREMES.--Current year: Maximum discharge, 19,800 cfs Jan. 20, 21 (gage height, 21.64 ft), from rating curve extended above 13,000 cfs as described below; minimum daily, 424 cfs June 7.

Period of record: Maximum discharge, 155,000 cfs Sept. 23, 1945 (gage height, 31.1 ft, from floodmarks), from rating curve extended above 13,000 cfs by computation of flow over spillway at Lake Marion; minimum daily, 9 cfs Feb. 23, 1947 (caused by repair work at spillway).

REMARKS.--Records good. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River basin. Seepage from north dike of Lake Marion Dam bypasses station via Little River. Results of discharge measurements, in cubic feet per second, of Little River, just below dam, made during water year 1972 are given herewith:

Dec. 16	24.6
June 2	26.1
Sept. 15	25.0

Records of chemical analyses are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	531	544	537	537	563	519	506	503	702	775	516	557
2	512	541	537	537	809	534	695	506	509	550	519	566
3	509	537	560	537	1,630	576	531	534	491	637	525	550
4	506	553	570	537	5,760	525	569	547	500	576	516	553
5	503	553	557	544	2,030	722	512	522	525	582	547	543
6	503	553	541	541	3,350	633	503	497	494	550	531	550
7	500	557	528	537	10,400	516	608	497	424	472	537	537
8	506	585	525	537	16,700	528	560	509	525	469	617	534
9	519	595	522	541	13,800	553	497	679	497	460	566	531
10	525	595	519	534	6,720	509	497	608	516	472	544	531
11	522	560	512	544	5,300	500	519	509	497	472	534	531
12	512	547	519	547	5,480	497	488	509	500	475	534	519
13	512	563	534	537	10,700	488	525	512	494	466	534	534
14	503	544	544	695	8,340	488	534	547	497	472	528	525
15	506	537	751	6,240	2,250	485	519	508	509	472	537	522
16	512	537	816	15,100	870	503	557	646	512	475	537	522
17	503	541	912	17,800	738	1,220	656	519	512	475	547	528
18	503	569	1,750	19,000	823	705	488	534	509	478	576	519
19	512	563	656	19,500	7,120	497	488	516	519	481	534	516
20	519	705	608	19,800	4,100	491	485	516	528	488	547	516
21	528	1,020	560	19,200	916	488	488	541	1,110	500	557	541
22	541	702	573	13,400	846	702	500	557	884	541	553	560
23	534	547	573	7,270	611	1,010	491	512	848	500	557	522
24	547	576	560	5,460	643	566	491	589	3,230	519	560	512
25	553	573	553	2,370	566	485	500	576	6,760	595	550	605
26	544	531	608	995	761	491	506	765	6,470	534	541	624
27	544	512	563	695	617	475	503	863	4,690	795	537	547
28	544	531	544	894	614	472	500	789	3,100	738	541	525
29	541	547	537	649	531	485	500	738	1,020	614	557	525
30	547	617	547	611	------	494	512	541	1,310	534	550	630
31	541	------	541	662	------	516	------	528	------	516	550	------
TOTAL	16,182	17,435	19,184	157,351	113,568	17,673	15,808	17,807	39,674	16,692	16,879	16,295
MEAN	522	581	619	5,076	3,916	570	527	574	1,322	538	544	543
MAX	553	1,020	1,750	19,800	16,700	1,220	695	863	6,760	795	617	630
MIN	500	512	512	534	531	472	485	497	424	466	516	512

CAL YR 1971	TOTAL 534,519	MEAN 1,464	MAX 44,000	MIN 423
WTR YR 1972	TOTAL 464,548	MEAN 1,269	MAX 19,800	MIN 424

SANTEE RIVER BASIN

02171650 Santee River below St. Stephens, S.C.

LOCATION.--Lat 33°24'05", long 79°51'20", Berkeley County, on right bank, 600 ft downstream from Mattassee Lake, on Tract 13P of Francis Marion National Forest, 3.9 miles east of St. Stephens, and at mile 52.

DRAINAGE AREA.--14,900 sq mi, approximately.

PERIOD OF RECORD.--October 1970 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 20 ft (from topographic map).

EXTREMES.--Current year: Maximum discharge, 22,700 cfs Jan. 23 (gage height, 21.29 ft); minimum daily, 554 cfs Nov. 18.
Period of record: Maximum discharge, 66,300 cfs Mar. 10, 1971 (gage height, 25.77 ft); minimum daily, 519 cfs Oct. 16, 1970.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	617	939	694	645	2,230	1,000	904	610	841	1,730	624	620
2	624	981	694	652	2,130	995	932	610	841	1,180	624	630
3	610	988	701	638	2,290	953	1,010	589	848	932	617	610
4	610	848	750	631	3,940	953	1,030	645	806	911	617	610
5	603	886	836	645	5,690	918	918	666	708	848	596	630
6	596	792	876	638	4,520	967	869	666	687	855	617	600
7	582	729	841	624	5,120	974	806	631	680	799	617	580
8	582	715	778	617	5,580	876	813	617	680	743	652	580
9	589	722	757	624	5,320	861	848	610	680	722	701	570
10	673	736	736	645	5,750	855	743	610	680	722	659	580
11	687	743	736	645	5,810	827	743	610	687	715	638	570
12	694	666	694	771	6,850	806	743	568	687	722	624	560
13	680	645	680	841	7,700	799	715	547	687	701	617	580
14	659	666	687	960	7,840	792	715	561	687	680	617	570
15	638	666	694	1,320	7,230	792	736	575	673	680	617	560
16	638	645	785	4,890	5,170	771	736	596	694	680	596	560
17	673	631	841	6,140	3,090	834	729	638	694	680	610	570
18	680	638	1,040	8,440	2,130	1,150	736	617	694	673	610	560
19	673	617	1,510	9,230	2,240	1,110	700	603	701	666	617	560
20	673	603	932	11,000	5,130	883	678	715	785	659	568	560
21	708	680	806	19,000	4,440	841	645	750	813	652	600	600
22	897	953	771	20,300	2,790	848	624	729	1,270	666	600	640
23	960	778	736	22,100	1,810	883	617	743	1,210	708	610	580
24	981	659	743	20,900	1,620	1,130	617	743	1,200	666	620	570
25	1,110	638	722	14,300	1,280	940	610	743	3,020	722	610	700
26	1,120	638	694	6,140	1,180	848	610	743	5,370	715	580	760
27	1,070	638	708	4,760	1,210	827	596	757	5,680	687	580	640
28	1,000	617	694	3,030	1,170	834	589	862	4,920	827	590	590
29	932	617	666	2,300	1,070	834	603	869	3,500	785	610	620
30	883	687	659	2,160	------	834	610	848	2,050	708	600	760
31	904	------	652	2,230	------	841	------	841	------	645	620	------
TOTAL	23,346	21,681	24,111	167,816	112,220	27,776	22,225	20,912	43,473	24,079	19,058	18,120
MEAN	753	723	778	5,413	3,870	896	741	675	1,449	777	615	604
MAX	'1,120	988	1,510	22,100	7,840	1,150	1,030	869	5,680	1,730	701	760
MIN	582	603	652	617	1,070	771	589	547	673	645	568	560

CAL YR 1971 TOTAL 883,285 MEAN 2,420 MAX 63,000 MIN 582
WTR YR 1972 TOTAL 524,817 MEAN 1,434 MAX 22,100 MIN 547

02171680 Wedboo Creek near Jamestown, S.C.

LOCATION.--Lat 33°19'50", long 79°48'10", Berkeley County, on right downstream wingwall of culvert on S.C. Highway 45, 1.4 miles southeast of Alvin, 3.3 miles upstream from mouth and 7.5 miles northwest of Jamestown.

DRAINAGE AREA.--17.4 sq mi.

PERIOD OF RECORD.--September 1966 to Feb. 1972

GAGE.--Water-stage recorder. Altitude of gage is 20 ft (from topographic map).

AVERAGE DISCHARGE.--5 years, 9.39 cfs (7.33 inches per year).

EXTREMES.--Current year: Maximum discharge, 408 cfs Feb. 3 (gage height, 4.97 ft); minimum daily, 1.5 cfs Oct. 8.
Period of record: Maximum discharge, 938 cfs Aug. 26, 1971 (gage height, 5.96 ft); no flow for many days during water 1966-69.

REMARKS.--Records good except below 10 cfs, which are poor. Recording rain gage located at station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	56	9.9	4.2	74							
2	4.6	42	8.2	3.9	92							
3	2.9	32	10	3.7	188							
4	2.2	24	22	3.4	304							
5	1.9	17	21	3.9	175							
6	1.9	14	18	4.3	105							
7	1.7	12	16	3.8	74							
8	1.5	9.6	14	3.2	61							
9	7.2	8.2	11	3.0	51							
10	34	7.6	9.6	3.0	45							
11	35	6.9	8.8	7.9	37							
12	26	6.3	9.7	31	36							
13	17	5.9	9.7	30	65							
14	12	5.5	8.8	37	65							
15	8.5	5.2	8.4	106	50							
16	9.4	5.0	7.8	120	40							
17	16	4.9	7.3	78	55							
18	13	4.8	6.6	52	68							
19	9.9	4.6	5.6	40	70							
20	12	4.8	7.0	32	56							
21	89	4.6	14	35	43							
22	308	4.3	13	51	34							
23	228	4.2	12	60	28							
24	136	5.5	8.8	52	23							
25	100	7.8	7.8	40	21							
26	74	6.3	6.9	31	20							
27	52	5.7	6.3	23	23							
28	39	5.5	5.7	19	28							
29	30	11	5.2	20	24							
30	28	14	4.6	58	------							
31	71	------	4.6	86	------		------		------			------
TOTAL	1,378.1	345.2	308.3	1,045.3	1,955							
MEAN	44.5	11.5	9.95	33.7	67.4							
MAX	308	56	22	120	304							
MIN	1.5	4.2	4.6	3.0	20							
CFSM	2.56	.66	.57	1.94	3.87							
IN.	2.95	.74	.66	2.23	4.18							

CAL YR 1971 TOTAL 9,792.4 MEAN 26.8 MAX 742 MIN 1.1 CFSM 1.54 IN 20.94

PEAK DISCHARGE (BASE, 100 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
10-22	0445	4.78	332	2-03	2300	4.97	408
1-15	1945	4.06	142				

02172000 Lake Moultrie near Pinopolis, S.C.

LOCATION.--Lat 33°14'40", long 79°59'30", Berkeley County, at powerplant 0.7 mile upstream from Seaboard Coast Line Railroad bridge and 2.8 miles northeast of Pinopolis.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Pinopolis Reservoir near Pinopolis.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

EXTREMES.--Current year: Maximum elevation, 75.63 ft July 17; minimum, 68.96 ft Oct. 28.
Period of record: Maximum elevation, 76.21 ft Oct. 14, 1950 (affected by high wind); minimum, 58.52 ft Dec. 21, 1951.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation lock; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal (see sta 02170500) from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 33, 170,000,000 cu ft between elevations 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 19,600,000,000 cu ft. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error. Gages destroyed by fire Feb. 25, 1970.

Capacity table (elevation, in feet, and usable contents, in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

68.0	12.37
70.0	16.47
72.0	20.91
74.0	25.74
76.0	30.97

ELEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72.40	69.90	73.93	74.08	75.00	74.62	74.68	74.84	74.96	74.50	75.26	75.23
2	72.41	69.86	73.83	73.90	74.90	74.57	74.68	74.94	74.92	74.62	75.23	75.19
3	72.31	70.86	73.86	73.88	75.09	74.53	74.70	75.16	74.98	74.86	75.20	75.26
4	72.20	71.66	73.87	73.84	75.02	74.56	74.73	75.25	75.03	75.09	75.13	75.21
5	72.06	72.28	73.85	73.79	74.92	74.85	74.71	75.30	75.04	75.32	75.34	75.29
6	72.08	72.80	73.82	73.71	74.92	74.77	74.76	75.30	75.12	75.30	75.34	75.30
7	71.97	73.32	73.85	73.50	74.95	74.70	74.77	75.27	75.27	75.31	75.29	75.23
8	71.86	73.68	73.83	73.38	74.94	74.73	74.74	75.41	75.27	75.27	75.25	75.12
9	71.80	74.09	73.79	73.34	74.91	74.60	74.96	75.49	75.18	75.26	75.16	75.05
10	71.77	74.45	73.71	73.35	74.90	74.45	74.81	75.36	75.45	75.39	75.12	75.09
11	71.60	74.75	73.72	73.30	74.92	74.35	74.75	75.30	75.32	75.30	75.10	75.05
12	71.50	75.03	73.90	73.08	75.01	74.01	74.74	75.37	75.35	75.33	75.11	75.07
13	71.40	75.19	74.06	72.95	75.01	74.70	74.69	75.32	75.32	75.29	75.17	74.94
14	71.10	75.16	74.23	72.94	74.99	74.73	74.71	75.35	75.32	75.34	75.21	74.81
15	70.70	75.15	74.37	73.03	74.95	74.67	74.61	75.29	75.33	75.47	75.16	74.73
16	70.52	75.11	74.52	73.10	74.92	74.79	74.80	74.97	75.25	75.55	75.17	74.71
17	70.15	75.17	74.65	73.33	74.93	74.77	74.71	74.85	75.19	75.63	75.13	74.87
18	69.82	74.99	74.67	73.60	75.07	74.50	74.63	74.75	75.16	75.30	75.12	75.02
19	69.50	74.90	74.74	73.89	75.09	74.86	74.51	74.74	74.85	75.35	74.97	74.90
20	69.33	74.87	74.75	74.12	74.96	74.84	74.65	74.60	74.84	75.31	75.10	75.03
21	69.27	74.85	74.74	74.30	74.87	74.53	74.37	74.71	74.52	75.20	75.10	75.13
22	69.18	74.82	74.75	74.34	74.83	74.62	74.35	74.75	74.27	75.33	75.03	75.07
23	69.09	74.90	74.84	74.63	74.82	74.67	74.50	74.74	73.84	75.32	74.95	75.09
24	69.00	74.46	74.59	74.71	74.84	74.55	74.51	74.72	73.73	75.00	74.92	75.19
25	69.05	74.43	74.55	74.79	74.84	74.67	74.40	74.74	73.76	75.31	74.85	75.13
26	69.11	74.30	74.50	74.82	74.81	74.75	74.46	74.70	73.80	75.31	74.89	75.11
27	68.98	74.20	74.49	74.86	74.82	74.72	74.45	74.70	74.01	75.31	74.99	74.99
28	68.96	74.17	74.46	74.85	74.76	74.60	74.49	74.85	74.23	75.29	74.98	75.05
29	69.05	74.15	74.39	74.99	74.60	74.60	74.47	74.91	74.28	75.25	75.23	75.04
30	69.20	74.00	74.31	75.11	-------	74.72	74.48	74.97	74.44	75.27	75.05	75.10
31	69.20	-------	74.23	75.00	-------	74.74	-------	74.90	-------	75.25	75.27	-------
MEAN	70.86	73.80	74.09	73.94	74.92	74.64	74.60	75.13	74.79	75.24	75.13	75.04
MAX	72.41	75.19	74.75	75.11	75.09	74.85	74.96	75.49	75.45	75.63	75.34	75.30
MIN	68.96	69.86	73.71	72.94	74.60	74.01	74.35	74.60	73.73	74.50	74.85	74.71

WTR YR 1972 MEAN 74.39 MAX 75.63 MIN 68.96

02173500 North Fork Edisto River at Orangeburg, S.C.

LOCATION.--Lat 33°29'00", long 80°52'25", Orangeburg County, on left bank under bridge on U.S. Highway 301 at Orangeburg, 0.5 mile upstream from Seaboard Coast Line Railroad bridge, 1.5 miles downstream from Caw Caw Swamp, and at mile 32.1.

DRAINAGE AREA.--683 sq mi.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 149.02 ft above mean sea level (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--34 years, 782 cfs (15.55 inches per year).

EXTREMES.--Current year: Maximum discharge, 2,990 cfs Jan. 16 (gage height, 9.40 ft); minimum, 451 cfs June 18, Sept. 28.

Period of record: Maximum discharge, 9,500 cfs Sept. 18, 1945 (gage height, 14.28 ft), from rating curve extended above 5,300 cfs by velocity-area studies; minimum, 190 cfs Sept. 13, 14, 1954.

Maximum flood known since at least 1893, 14.7 ft in September 1928 (discharge, 10,000 cfs, from rating curve extended as described above), on basis of information from Department of Public Utilities, city of Orangeburg.

REMARKS.--Records good. About 5.7 cfs diverted by city of Orangeburg for municipal supply.

REVISIONS.--WSP 1032: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	------	[illegible]	[illegible]	------	[illegible]	------	[illegible]	------	[illegible]	[illegible]	------
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

02174000 Edisto River near Branchville, S.C.

LOCATION.--Lat 33°10'35", long 80°48'05", Bamberg County, on right bank 400 ft downstream from bridge on U.S. Highway 21, 4.7 miles downstream from Brier Branch, 5.2 miles south of Branchville, and at mile 100.0.

DRAINAGE AREA.--1,720 sq mi, approximately.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 80.02 ft above mean sea level (levels by Corps of Engineers). Prior to May 19, 1949, at datum 1.00 ft higher.

AVERAGE DISCHARGE.--27 years, 1,979 cfs (15.62 inches per year).

EXTREMES.--Current year: Maximum discharge, 6,480 cfs Feb. 6 (gage height, 9.09 ft); minimum, 860 cfs Sept. 28.

Period of record: Maximum discharge, 14,600 cfs Sept. 3, 1964 (gage height, 11.44 ft); minimum, 323 cfs Aug. 14, 1956.

Maximum flood known since at least 1893, 13.5 ft, present datum, in September 1928, on basis of information from State Highway Department (discharge, 25,700 cfs, by conveyance-slope study).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,150	3,000	2,840	2,180	3,820	3,160	2,830	1,450	2,200	3,040	1,370	1,540
2	1,960	2,930	3,110	2,120	4,240	3,110	2,960	1,450	2,280	2,960	1,360	1,540
3	1,770	2,840	3,200	2,060	4,730	3,030	3,080	1,480	2,280	2,880	1,240	1,600
4	1,610	2,730	3,420	2,000	5,460	2,950	3,190	1,600	2,100	2,550	1,170	1,600
5	1,490	2,580	3,680	1,970	5,980	2,870	3,270	1,700	2,050	2,370	1,120	1,540
6	1,420	2,430	3,870	1,970	6,420	2,780	3,250	1,820	1,970	2,250	1,120	1,480
7	1,370	2,270	3,930	1,950	6,320	2,710	3,180	1,910	1,850	2,180	1,180	1,380
8	1,320	2,110	3,890	1,930	5,860	2,640	3,090	1,920	1,700	2,030	1,240	1,290
9	1,330	1,970	3,870	1,910	5,220	2,570	2,980	1,820	1,510	2,020	1,300	1,230
10	1,480	1,880	3,800	1,930	4,680	2,490	2,790	1,760	1,390	2,010	1,310	1,190
11	1,520	1,830	3,650	2,070	4,350	2,420	2,600	1,730	1,330	1,900	1,300	1,150
12	1,54[illegible]	1,790	3,540	2,360	4,150	2,360	2,460	1,680	1,240	1,850	1,290	1,120
13	1,580	1,740	3,480	2,640	4,150	2,330	2,360	1,640	1,160	1,690	1,250	1,090
14	1,630	1,690	3,350	3,190	4,080	2,280	2,280	1,660	1,110	1,510	1,220	1,040
15	1,700	1,630	3,210	3,910	3,980	2,240	2,210	1,620	1,080	1,420	1,240	988
16	1,800	1,570	3,080	4,670	3,930	2,210	2,150	1,620	1,020	1,390	1,300	956
17	1,900	1,530	2,910	5,360	3,840	2,230	2,090	1,660	996	1,360	1,420	941
18	1,970	1,510	2,770	6,040	3,720	2,330	2,020	1,720	959	1,380	1,470	935
19	2,020	1,490	2,880	6,320	3,680	2,670	1,920	1,800	976	1,450	1,430	932
20	2,040	1,470	2,950	6,040	3,650	2,940	1,830	1,850	1,180	1,510	1,390	928
21	2,070	1,440	2,500	5,660	3,700	2,870	1,760	1,830	1,510	1,500	1,300	920
22	2,110	1,430	2,480	5,270	3,640	2,820	1,720	1,950	1,770	1,410	1,300	962
23	2,100	1,470	2,460	4,790	3,500	2,770	1,670	2,200	2,100	1,330	1,210	900
24	2,100	1,430	2,450	4,430	3,420	2,730	1,630	2,440	2,510	1,270	1,140	887
25	2,210	1,490	2,420	4,150	3,320	2,750	1,600	2,420	2,700	1,270	1,100	887
26	2,340	1,530	2,400	3,080	3,750	[illegible]	[illegible]	2,270	[illegible]	1,350	[illegible]	[illegible]
27	[illegible]	[illegible]	2,370	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	1,740	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]	-------	[illegible]	-------	[illegible]	[illegible]	-------
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CFSM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IN.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CAL YR 1971 TOTAL [illegible] MEAN [illegible] MAX [illegible] MIN [illegible] CFSM [illegible] IN [illegible]
WTR YR 1972 TOTAL [illegible] MEAN [illegible] MAX [illegible] MIN [illegible] CFSM [illegible] IN [illegible]

02174250 Cow Castle Creek near Bowman, S.C.

LOCATION.--Lat 33°22'43", long 80°42'00", Orangeburg County, at bridge on county road, 1.1 mile above Buck Branch and 3.2 miles northwest of Bowman.

DRAINAGE AREA.--33.4 sq mi.

PERIOD OF RECORD.--October 1971 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 125 ft (from topographic map).

EXTREMES.--Current year: Maximum discharge, 188 cfs Feb. 4 (gage height 5.64 ft); minimum daily, 1.6 cfs Sept. 27-28.
Period of record: Maximum discharge, 466 cfs Mar. 4, 1971 (gage height 6.36 ft); minimum daily, 1.5 cfs Oct. 2-9, 11-14, 16-19, 1970.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	12	28	14	65	29	43	4.0	19	23	8.0	4.7
2	2.7	12	22	14	97	26	34	4.3	14	16	7.0	4.2
3	2.6	11	43	14	123	25	27	13	11	14	6.0	3.6
4	2.4	10	78	13	156	22	23	22	9.2	14	6.0	3.4
5	2.4	9.4	94	13	93	20	20	15	7.8	13	5.0	4.0
6	2.4	8.8	44	13	71	19	18	11	7.8	19	5.0	3.4
7	2.2	8.4	40	12	67	18	17	9.4	8.6	15	6.0	3.0
8	2.2	7.6	36	12	60	18	16	12	6.7	12	9.0	2.8
9	2.0	7.6	31	12	51	17	16	16	5.8	8.8	28	2.7
10	6.3	7.4	28	16	45	16	13	12	6.2	9.8	45	2.6
11	5.3	7.0	28	32	41	15	13	9.6	6.8	8.4	25	2.5
12	3.9	6.8	27	52	52	15	13	8.2	5.3	7.2	15	2.3
13	3.4	6.7	26	47	92	14	12	7.6	5.0	6.3	8.0	2.3
14	3.5	6.3	25	102	68	14	11	15	4.6	5.5	6.0	2.2
15	3.4	6.2	23	71	56	13	9.8	14	4.2	5.6	5.0	2.1
16	4.6	6.0	21	53	49	16	8.6	12	3.9	4.9	5.8	2.2
17	5.5	5.8	20	44	47	20	7.6	10	3.6	4.6	9.4	2.0
18	4.4	6.0	18	38	45	23	6.8	8.8	3.4	4.5	5.5	2.1
19	4.3	6.2	17	35	50	19	6.5	8.8	5.2	4.2	4.6	2.1
20	5.0	6.5	20	32	41	17	6.2	8.6	15	62	4.0	1.9
21	8.6	7.3	20	32	38	16	5.8	8.2	38	67	3.7	1.9
22	16	8.0	21	34	35	26	5.8	8.6	29	29	3.4	1.9
23	17	8.4	20	48	32	21	5.6	8.2	16	17	3.1	1.8
24	16	12	19	43	31	18	5.3	7.6	13	20	3.5	1.8
25	20	15	18	37	29	17	5.0	6.8	11	28	3.4	1.8
26	18	13	18	31	29	16	4.7	6.7	11	40	3.6	1.7
27	16	12	17	28	32	16	4.6	7.0	9.0	50	3.2	1.6
28	15	12	16	26	35	17	4.3	7.2	11	38	7.2	1.6
29	14	43	16	63	32	23	4.2	8.8	21	19	13	2.3
30	13	68	16	88	------	29	4.3	10	64	12	4.3	1.8
31	13	------	15	82	------	42	------	26	------	18	4.9	------
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	615	369.1	335.2	350.1	565.0	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	36.4	57.4	19.8	12.3	10.8	11.7	18.3	[illegible]	[illegible]
MAX	20	68	94	102	156	42	43	26	64	67	45	4.7
MIN	2.0	5.8	15	12	29	13	4.2	4.0	3.4	4.2	3.1	1.6
CFSM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IN.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CAL YR 1971 TOTAL [illegible] MEAN [illegible] MAX 438 MIN 2.2 CFSM 1.21 IN 16.50
WTR YR 1972 TOTAL [illegible] MEAN [illegible] MAX 156 MIN 1.6 CFSM .79 IN 10.76

PEAK DISCHARGE (BASE, 100 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
2-04	[illegible]	5.64	188				

02175000 Edisto River near Givhans, S.C.
(International hydrological decade station)

LOCATION.--Lat 33°01'40", long 80°23'30", Dorchester County, on left bank at downstream side of bridge on State Highway 61, 2.3 miles downstream from Four Hole Swamp, 2.8 miles west of Givhans, and at mile 59.9.

DRAINAGE AREA.--2,730 sq mi, approximately.

PERIOD OF RECORD.--January 1939 to current year.

GAGE.--Water-stage recorder. Datum of gage is 20.46 ft above mean sea level (levels by Corps of Engineers).

AVERAGE DISCHARGE.--33 years, 2,629 cfs (13.08 inches per year).

EXTREMES.--Current year: Maximum discharge, 11,300 cfs Feb. 7 (gage height, 13.10 ft); minimum daily, 771 cfs Sept. 30.
Period of record: Maximum discharge, 24,300 cfs Sept. 21, 1945 (gage height, 17.28 ft), from rating curve extended above 15,000 cfs; minimum, 290 cfs Aug. 16, 1956 (gage height, 0.51 ft).
Maximum stage known since at least 1904, 17.5 ft in February 1925, from investigation by Charleston Commissioners of Public Works (discharge, 24,900 cfs).

REMARKS.--Records fair. About 127 cfs a day diverted above station for Charleston water supply during year. Records of chemical analyses and sediment loads are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 1032: Drainage area. WSP 1303: 1939 (monthly and yearly runoff).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,100	3,600	2,230	2,880	5,760	5,020	3,610	1,640	2,520	3,400	1,480	1,720
2	2,200	3,600	2,430	2,820	6,340	4,870	3,690	1,600	2,600	3,420	1,410	1,810
3	2,200	3,600	2,680	2,770	7,060	4,660	3,690	1,590	2,620	3,420	1,320	1,830
4	2,200	3,700	3,150	2,720	8,440	4,480	3,690	1,780	2,600	3,350	1,260	1,790
5	2,000	3,500	3,750	2,670	10,300	4,290	3,680	2,060	2,570	3,230	1,290	1,740
6	1,900	3,300	4,310	2,630	11,000	4,110	3,690	2,100	2,510	3,180	1,370	1,770
7	1,800	3,200	4,650	2,600	11,300	3,920	3,730	2,120	2,430	3,090	1,360	1,790
8	1,700	3,100	4,880	2,550	11,300	3,750	3,770	2,150	2,340	2,980	1,300	1,730
9	1,600	3,000	5,040	2,500	11,000	3,580	3,770	2,180	2,220	2,800	1,310	1,630
10	1,600	2,800	5,140	2,470	10,500	3,430	3,710	2,190	2,090	2,600	1,320	1,520
11	1,800	2,500	5,130	2,450	9,670	3,300	3,610	2,160	1,940	2,500	1,300	1,390
12	1,800	2,400	5,140	2,580	8,810	3,160	3,500	2,090	1,770	2,300	1,450	1,280
13	1,800	2,300	5,120	2,960	8,350	3,040	3,370	2,020	1,580	2,200	1,560	1,200
14	1,800	2,200	5,010	3,310	8,240	2,940	3,130	1,990	1,420	2,100	1,480	1,140
15	1,800	2,100	4,900	3,920	8,040	2,850	2,920	1,990	1,280	2,000	1,360	1,080
16	1,900	2,000	4,750	4,700	7,620	2,700	2,790	2,010	1,170	1,800	1,360	1,030
17	2,000	1,900	4,560	5,410	7,250	2,890	2,610	2,010	1,080	1,800	1,390	960
18	2,000	1,900	4,350	5,950	6,980	2,970	2,500	1,990	1,020	1,700	1,400	890
19	2,100	1,700	4,110	6,500	6,930	2,900	2,400	1,970	1,000	1,800	1,400	850
20	2,300	1,650	3,880	7,210	6,000	2,940	2,320	1,980	1,220	1,900	1,430	830
21	2,400	1,600	3,730	7,700	6,700	2,960	2,230	2,030	1,700	2,000	1,460	831
22	2,600	1,560	3,640	8,240	6,400	3,150	2,160	2,120	2,000	2,100	1,450	824
23	2,900	1,520	3,560	8,500	6,000	3,310	2,060	2,270	2,240	2,200	1,410	820
24	3,200	1,500	3,480	8,350	5,770	3,300	1,970	2,450	2,300	2,200	1,380	813
25	3,600	1,510	3,300	7,900	5,580	3,300	1,900	2,510	2,350	2,000	1,320	810
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	-------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	771
31	[illegible]	-------	[illegible]	[illegible]	-------	[illegible]	-------	[illegible]	-------	[illegible]	[illegible]	-------
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX	[illegible]	[illegible]	[illegible]	[illegible]	11,300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,830
MIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	771

CAL YR 1971 TOTAL [illegible] MEAN [illegible] MAX [illegible] MIN [illegible]
WTR YR 1972 TOTAL [illegible] MEAN [illegible] MAX [illegible] MIN 771

[illegible]

02175500 Salkehatchie River near Miley, S.C.

LOCATION.--Lat 32°59'20", long 81°03'10", Hampton County, on right bank 90 ft downstream from bridge on U.S. Highway 601, 2.4 miles downstream from Savannah Creek, 3.1 miles upstream from Hampton and Branchville Railroad bridge, 3.1 miles northwest of Miley, and at mile 68.0.

DRAINAGE AREA.--341 sq mi.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 64.35 ft above mean sea level. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

AVERAGE DISCHARGE.--21 years, 328 cfs (13.06 inches per year).

EXTREMES.--Current year: Maximum discharge, 2,000 cfs Feb. 4 (gage height unknown); minimum daily, 91 cfs Sept. 28.
Period of record: Maximum discharge, 2,340 cfs Sept. 2, 1964 (gage height, 4.99 ft); minimum, 17 cfs Sept. 13, 1954.

REMARKS.--Records good except those for period of no gage-height record which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	172	571	800	500	700	620	413	190	260	644	174	317
2	166	571	900	500	800	652	606	186	220	620	170	263
3	164	520	1,000	500	1,000	660	599	218	201	585	166	210
4	161	475	1,100	500	2,000	628	564	305	184	592	139	190
5	161	455	1,200	500	1,700	571	526	293	161	514	126	180
6	159	440	1,200	530	1,300	526	485	338	144	409	120	168
7	159	422	1,200	600	1,200	485	440	400	142	341	123	147
8	150	409	1,200	600	1,000	465	395	341	133	331	115	140
9	161	387	1,100	550	900	445	363	284	124	345	115	136
10	341	367	950	500	900	427	348	255	119	355	111	127
11	628	338	850	500	800	413	338	245	140	305	145	119
12	634	314	800	550	800	404	345	245	128	245	286	112
13	727	293	700	650	750	400	338	228	121	203	201	109
14	628	278	650	800	700	391	334	296	115	190	309	108
15	509	275	600	900	800	387	327	284	110	170	418	102
16	475	272	600	1,100	800	391	317	278	103	157	427	99
17	578	269	600	1,200	800	440	302	305	99	154	409	95
18	578	266	600	1,200	700	445	291	361	96	154	327	92
19	475	263	600	1,200	650	450	260	363	167	170	260	95
20	634	260	600	1,200	650	507	245	400	502	190	220	95
21	606	250	700	1,000	650	571	235	326	727	184	235	96
22	550	250	750	950	650	636	235	302	716	190	197	96
23	578	248	850	1,000	650	509	240	302	679	197	152	96
24	600	266	850	900	650	550	235	308	669	178	136	93
25	564	317	750	750	650	495	233	311	772	176	140	95
26	560	341	700	650	700	600	233	281	652	242	164	97
27	567	352	600	600	700	600	230	255	530	371	170	97
28	564	378	600	550	600	568	218	275	660	418	188	91
29	580	636	650	550	600	516	208	367	657	326	386	97
30	580	644	520	550	------	470	190	326	736	265	377	96
31	586	------	500	600	------	498	------	388	------	188	362	------
TOTAL	14,061	11,134	24,720	22,680	24,800	15,566	10,782	9,072	10,191	9,370	6,876	3,858
MEAN	454	371	797	732	855	502	359	293	340	302	222	129
MAX	727	571	1,200	1,200	2,000	660	606	400	772	644	427	317
MIN	150	248	500	500	650	387	190	186	96	154	111	91
CFSM	1.33	1.09	2.34	2.15	2.51	1.47	1.05	.86	.99	.89	.65	.38
IN.	1.53	1.21	2.70	2.47	2.71	1.70	1.17	.99	1.11	1.02	.75	.42

CAL YR 1971 TOTAL [illegible] MEAN [illegible] MAX 1,630 MIN 96 CFSM 1.06 IN 14.16
WTR YR 1972 TOTAL [illegible] MEAN [illegible] MAX 2,000 MIN 91 CFSM 1.31 IN 17.80

Note.--No gage-height record Dec. [illegible] to Feb. [illegible].

02176500 Coosawhatchie River near Hampton, S.C.

LOCATION.--Lat 32°50'10", long 81°07'55", Hampton County, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 miles downstream from Black Creek, 2.5 miles southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 sq mi.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.30 ft above mean sea level. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--21 years, 180 cfs (12.04 inches per year).

EXTREMES.--Current year: Maximum discharge, 1,660 cfs Feb. 4 (gage height, 5.23 ft); minimum daily, 2.2 cfs Sept. 30.
Period of record: Maximum discharge, 8,160 cfs Sept. 2, 1969 (gage height, 8.39 ft, from floodmarks); no flow for some days in 1951, 1954, 1956, 1957, 1968, 1969.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	360	760	222	503	416	575	24	162	524	20	214
2	24	568	621	214	751	377	546	24	122	397	30	194
3	21	575	598	206	1,130	371	442	28	77	268	13	130
4	19	539	1,040	198	1,590	377	349	54	51	194	8.5	77
5	17	476	1,120	210	1,300	355	289	85	36	202	13	66
6	17	307	976	259	1,000	308	250	67	26	227	20	69
7	17	338	795	280	839	263	222	47	26	210	21	71
8	16	279	668	279	786	245	198	37	20	162	15	81
9	23	236	598	245	789	227	166	41	15	115	15	35
10	115	210	526	222	621	214	146	41	13	87	10	26
11	280	186	490	259	539	198	136	33	10	72	12	19
12	338	169	460	469	519	186	152	25	9.1	59	69	16
13	265	156	460	629	652	179	172	22	8.8	56	190	11
14	156	144	456	830	760	175	162	65	7.7	43	117	9.5
15	112	133	423	1,030	686	169	136	108	6.5	35	92	7.7
16	115	125	386	992	598	172	110	112	5.7	28	16	6.0
17	216	120	356	786	568	260	88	69	5.3	34	26	5.3
18	236	115	321	637	574	316	68	47	5.3	58	48	4.9
19	188	112	290	546	590	285	59	32	29	58	71	4.8
20	182	108	300	483	560	260	55	32	300	38	38	4.3
21	371	100	442	483	517	198	52	68	777	20	36	3.8
22	621	90	530	510	494	237	51	92	603	21	26	3.6
23	621	85	510	575	410	280	55	141	449	15	17	3.2
24	613	90	442	568	377	273	58	202	263	11	15	3.0
25	580	127	384	553	368	260	54	125	154	10	21	3.1
26	575	176	330	483	300	210	44	71	110	16	61	3.1
27	600	216	310	473	471	280	38	55	95	21	41	3.0
28	616	286	286	377	442	216	32	76	108	17	55	2.8
29	569	300	263	368	436	318	28	130	316	13	152	2.6
30	580	[illegible]	260	368	------	380	26	190	603	10	636	2.2
31	573	------	236	428	------	458	------	180	------	9.1	306	------
TOTAL	7,611	7,600	15,652	16,115	19,056	8,330	4,761	2,328	4,375.6	3,031.1	2,247.5	1,067.0
MEAN	246	253	505	520	657	269	159	75.1	146	97.8	72.5	35.6
MAX	621	575	1,120	1,030	1,590	458	575	202	777	524	636	214
MIN	16	85	236	198	368	169	26	22	5.3	9.1	8.5	2.2
CFSM	1.21	1.25	2.49	2.56	3.24	1.33	.78	.37	.72	.48	.36	.18
IN.	1.39	1.39	2.87	2.95	3.49	1.53	.87	.42	.80	.55	.41	.20

CAL YR 1971 TOTAL [illegible] MEAN [illegible] MAX [illegible] MIN [illegible] CFSM [illegible] IN [illegible]
WTR YR 1972 TOTAL [illegible] MEAN [illegible] MAX 1,590 MIN 2.2 CFSM [illegible] IN [illegible]

02177000 Chattooga River near Clayton, Ga.

LOCATION.--Lat 34°48'50", long 83°18'22", Oconee County, S.C., on left bank 150 ft downstream from bridge on U.S. Highway 76, 2.8 miles upstream from Stekoa Creek, 7 miles southeast of Clayton, 9 miles downstream from War Woman Creek, and 9 miles upstream from confluence with Tallulah River.

DRAINAGE AREA.--207 sq mi.

PERIOD OF RECORD.--Discharge: May 1907 to June 1908, October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above mean sea level. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

AVERAGE DISCHARGE.--33 years (1939-72), 624 cfs (40.94 inches per year).

EXTREMES.--Current year: Maximum discharge, 7,440 cfs Dec. 7 (gage height, 6.06 ft); minimum, 232 cfs Oct. 15 (gage height, 1.21 ft).

Period of record: Maximum discharge, 29,000 cfs Aug. 30, 1940 (gage height, 13.8 ft), from rating curve extended above 4,700 cfs on basis of slope-area measurements at gage heights 9.9 and 13.8 ft; minimum, 88 cfs Oct. 8, 12, 13, 1954.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1383: 1940-41, drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	330	840	540	790	810	692	840	533	745	692	668	382
2	312	1,340	510	830	830	754	781	525	676	660	580	376
3	312	1,340	580	810	901	830	754	736	660	620	548	356
4	306	1,010	644	1,450	901	736	745	763	644	604	495	356
5	306	810	810	1,330	820	709	709	644	660	676	473	363
6	318	727	3,080	1,180	820	676	684	588	644	612	480	416
7	300	692	4,920	1,020	870	668	676	564	628	556	480	376
8	288	628	2,500	945	800	763	736	763	628	548	533	363
9	300	596	1,770	934	772	718	668	945	596	525	458	324
10	330	580	1,510	1,730	754	676	644	709	572	525	480	312
11	282	548	1,630	2,230	736	660	692	644	540	503	564	300
12	253	533	1,340	1,670	781	652	745	612	525	488	480	300
13	242	518	1,230	1,740	1,450	636	684	781	533	480	540	294
14	237	503	1,120	1,920	1,060	636	652	3,100	548	612	556	276
15	259	488	1,130	1,500	934	612	628	1,450	540	518	488	276
16	772	488	1,330	1,320	870	709	628	1,090	564	525	548	265
17	465	473	1,200	1,230	860	772	620	934	628	572	480	306
18	356	465	1,090	1,180	860	676	588	860	620	810	444	423
19	318	450	1,010	1,130	860	652	580	840	533	1,140	416	395
20	294	465	1,350	1,090	781	628	580	880	1,730	781	416	312
21	363	437	1,390	1,120	772	636	572	870	2,050	612	525	294
22	1,650	423	1,150	1,080	763	1,320	676	1,010	1,030	596	430	300
23	1,250	416	1,060	1,090	763	912	684	989	790	556	409	294
24	810	628	1,010	1,020	763	790	684	890	709	540	409	288
25	901	668	956	978	745	754	580	810	668	518	525	288
26	684	525	923	923	754	745	564	763	644	495	503	300
27	596	510	880	901	754	754	548	727	620	503	503	363
28	548	488	850	890	718	800	540	684	870	503	437	416
29	510	596	830	880	700	970	533	709	1,040	604	409	356
30	480	636	840	880	-------	956	548	830	754	660	389	781
31	473	-------	860	840	-------	870	-------	880	-------	636	374	-------
TOTAL	14,845	18,821	40,043	36,631	24,202	23,370	19,483	27,123	22,389	18,670	15,042	10,451
MEAN	479	627	1,292	1,182	835	754	649	875	746	602	485	348
MAX	1,650	1,340	4,920	2,230	1,450	1,320	840	3,100	2,050	1,140	668	781
MIN	237	416	510	790	700	612	533	525	525	480	374	265
CFSM	2.31	3.03	6.24	5.71	4.03	3.64	3.14	4.23	3.60	2.91	2.34	1.68
IN.	2.67	3.38	7.20	6.58	4.35	4.20	3.50	4.87	4.02	3.36	2.70	1.88

CAL YR 1971 TOTAL 251,600 MEAN 689 MAX 6,920 MIN 237 CFSM 3.33 IN 45.23
WTR YR 1972 TOTAL 271,070 MEAN 741 MAX 4,920 MIN 237 CFSM 3.58 IN 48.71

PEAK DISCHARGE (BASE, 3,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-7	[illegible]	6.06	7,440	5-14	[illegible]	[illegible]	[illegible]

02185200 Little River near Walhalla, S.C.

LOCATION.--Lat 34°50'11", long 82°58'48", Oconee County, on downstream side of bridge on State Highway 11, 0.5 mile downstream from Oconee Creek, 3.5 miles south of Salem, and 6.5 miles northeast of Walhalla.

DRAINAGE AREA.--72.0 sq mi.

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 810 ft (from topographic map).

AVERAGE DISCHARGE.--5 years, 163 cfs (30.74 inches per year).

EXTREMES.--Current year: Maximum discharge, 3,300 cfs Dec. 7 (gage height, 5.73 ft); minimum, 63 cfs Sept. 15, 16.
Period of record: Maximum discharge, 14,400 cfs June 4, 1967 (gage height, 12.29 ft); minimum, 15 cfs July 11-20, Oct. 3-8, 1970.

REMARKS.--Records good, except those for period of no gage-height record which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	540	159	185	193	169	186	133	183	162	123	84
2	97	600	150	190	196	186	172	130	165	150	123	84
3	92	770	176	220	212	193	165	176	153	147	130	82
4	92	370	200	330	204	176	165	150	147	144	108	80
5	92	250	252	500	193	172	162	138	141	172	95	82
6	99	230	1,080	307	196	147	165	133	138	147	99	84
7	92	170	1,940	256	208	147	165	130	135	138	118	80
8	88	160	662	216	193	169	186	220	130	133	150	78
9	97	150	397	268	190	153	165	193	130	128	115	78
10	97	145	321	740	186	150	159	156	135	128	120	74
11	88	140	343	728	182	144	179	144	128	123	123	72
12	86	140	280	470	216	144	176	138	123	118	115	72
13	86	140	244	510	397	141	169	224	120	120	135	70
14	86	135	209	505	252	141	162	1,330	120	125	115	68
15	103	135	212	402	216	138	156	411	118	123	97	64
16	208	130	204	356	212	169	156	280	115	120	106	66
17	210	130	224	334	212	162	153	216	115	123	103	80
18	170	125	204	320	212	150	147	197	115	125	99	110
19	150	120	200	307	208	144	147	193	120	200	97	90
20	130	115	349	298	190	141	144	200	928	186	97	80
21	179	115	285	298	186	167	144	232	704	144	101	74
22	170	115	232	298	183	475	176	204	268	130	97	76
23	370	115	226	289	183	216	159	224	200	123	95	76
24	300	208	212	280	183	186	150	216	169	115	97	74
25	200	183	200	268	179	176	141	183	156	108	103	74
26	230	156	197	260	183	169	138	165	147	92	103	72
27	170	153	190	256	176	169	135	156	176	118	97	80
28	150	144	183	252	172	172	133	153	303	118	92	78
29	160	197	189	252	169	244	133	162	240	120	88	78
30	168	183	190	240	------	204	133	246	190	125	86	95
31	370	------	185	196	------	197	------	226	------	125	84	------
TOTAL	4,736	6,264	10,092	10,311	5,882	5,501	4,721	7,059	6,012	4,130	3,311	2,355
MEAN	153	209	326	333	203	177	157	228	200	133	107	78.5
MAX	370	770	1,940	740	397	475	186	1,330	928	200	150	110
MIN	86	115	150	185	169	138	133	130	115	92	84	64
CFSM	2.13	2.90	4.53	4.63	2.82	2.46	2.18	3.17	2.78	1.85	1.49	1.09
IN.	2.45	3.24	5.21	5.33	3.04	2.84	2.44	3.65	3.11	2.13	1.71	1.22

CAL YR 1971 TOTAL 64,096 MEAN 176 MAX 1,940 MIN 74 CFSM 2.44 IN 33.12
WTR YR 1972 TOTAL 70,360 MEAN 192 MAX 1,940 MIN 64 CFSM 2.67 IN 36.35

PEAK DISCHARGE (BASE, 1,000 CFS)

Note.--No gage-height record Oct. 17 to Nov. 23.

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-07	[illegible]	5.73	3,300	6-20	[illegible]	[illegible]	[illegible]
5-14	[illegible]	[illegible]	[illegible]				

02187250 Hartwell Lake near Hartwell, Ga.

LOCATION.--Lat 34°21'25", long 82°49'20", Hart County (Ga.) - Anderson County (S.C.), Ga.-S.C. State line, in right spillway elevator tower of dam on Savannah River, 0.9 mile upstream from Big Generostee Creek, 6.4 miles east of Hartwell, and at mile 305.

DRAINAGE AREA.--2,088 sq mi.

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers). Prior to Oct. 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

EXTREMES.--Current year: Maximum elevation, 661.80 ft June 22; minimum, 656.08 ft Dec. 24.
Period of record: Maximum elevation, 665.47 ft Apr. 8, 1964; minimum, 626.70 ft Oct. 16, 1961.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 cu ft between elevations 625.0 ft (normal limit of drawdown) and 665 ft (top of spillway gates). Dead storage below 625.0 ft, 49,400,000,000 cu ft. Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft. Water is used for flood control, generation of power, and in the interest of navigation below Augusta.

Capacity table (elevation, in feet, and usable contents, in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

645.0	29.82
650.0	39.42
655.0	50.02
660.0	61.66
665.0	74.43

ELEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	658.02	659.48	656.91	656.23	659.18	658.90	659.47	659.76	660.41	660.56	660.37	657.70
2	658.02	659.55	656.65	656.35	658.62	658.92	659.53	659.73	660.24	660.63	660.26	657.71
3	658.05	659.77	656.80	656.33	658.18	658.93	659.54	659.92	660.31	660.62	660.30	657.72
4	657.98	659.66	656.97	656.71	657.70	659.03	659.62	659.93	660.41	660.65	660.19	657.73
5	657.99	659.57	657.11	656.83	657.88	659.11	659.68	659.89	660.44	660.64	660.24	657.63
6	657.95	659.68	657.21	656.64	658.00	658.94	659.64	659.98	660.35	660.61	660.29	657.57
7	657.95	659.70	657.78	656.34	658.04	658.80	659.66	660.02	660.36	660.34	660.19	657.53
8	657.90	659.62	657.90	656.44	658.06	658.71	659.80	660.30	660.34	660.38	660.04	657.58
9	657.96	659.57	657.85	656.63	658.05	658.56	659.83	660.27	660.35	660.42	659.85	657.53
10	657.97	659.40	657.75	657.71	658.08	658.39	659.84	660.24	660.42	660.37	659.87	657.53
11	658.00	659.23	657.95	658.31	658.00	658.58	659.88	660.12	660.45	660.26	659.75	657.44
12	658.00	658.99	658.08	658.59	658.27	658.63	659.87	659.98	660.38	660.19	659.79	657.38
13	658.02	659.05	658.06	659.04	658.51	658.64	659.88	660.36	660.32	660.11	659.82	657.36
14	658.00	659.10	658.00	659.26	658.50	658.60	659.80	661.01	660.33	660.04	659.67	657.20
15	658.08	658.85	657.91	659.55	658.33	658.60	659.94	661.18	660.51	660.11	659.49	657.17
16	658.23	658.64	657.90	659.78	658.19	658.62	660.00	661.05	660.41	660.15	659.33	657.15
17	658.33	658.42	657.73	659.90	657.96	658.59	659.92	660.92	660.48	660.13	659.18	657.19
18	658.31	658.22	657.82	660.02	657.69	658.70	659.88	660.81	660.51	660.04	659.00	657.14
19	658.31	658.04	657.94	660.05	657.95	658.75	659.78	660.64	660.69	659.99	658.91	657.05
20	658.36	658.03	657.54	660.04	658.00	658.71	659.63	660.83	661.40	660.01	658.92	656.92
21	658.52	658.07	657.12	660.01	657.97	658.70	659.64	660.96	661.77	660.14	658.73	656.90
22	658.66	657.78	656.67	660.20	658.17	658.87	659.80	661.01	661.55	660.28	658.60	656.91
23	658.77	657.53	656.20	660.32	658.42	658.85	659.89	660.90	661.35	660.29	658.46	656.98
24	658.87	657.37	656.10	660.30	658.58	658.85	659.83	660.91	661.41	660.30	658.32	656.99
25	658.90	657.37	656.18	660.32	658.65	659.01	659.79	660.77	661.50	660.32	658.26	656.82
26	658.96	657.08	656.24	660.30	658.78	659.06	659.74	660.58	661.35	660.24	658.30	656.81
27	659.04	657.18	656.30	660.30	658.84	659.15	659.74	660.63	661.28	660.24	658.32	656.71
28	659.08	657.21	656.29	660.31	658.92	659.20	659.68	660.68	661.28	660.22	658.27	656.53
29	659.12	657.16	656.26	660.11	658.87	659.30	659.75	660.60	660.86	660.37	658.17	656.44
30	659.18	657.03	656.22	660.22	------	659.30	659.80	660.59	660.53	660.47	657.97	656.51
31	659.38	------	656.17	659.69	------	659.33	------	660.56	------	660.50	657.82	------
MEAN	658.38	658.55	657.15	658.80	658.29	658.85	659.76	660.49	660.73	660.31	659.25	657.19
MAX	659.38	659.77	658.08	660.32	659.18	659.33	660.00	661.18	661.77	660.65	660.37	657.73
MIN	657.90	657.03	656.10	656.23	657.69	658.39	659.47	659.73	660.24	659.99	657.82	656.44

WTR YR 1972 MEAN 658.98 MAX 661.77 MIN 656.10

02187504 Savannah River near Iva, S.C.

LOCATION.--Lat 34°15'20", long 82°44'42", Anderson County, on left bank at downstream side of bridge on State Highway 184, 0.5 mile upstream from Little Generostee Creek, 5.8 miles southwest of Iva, and at mile 296.5.

DRAINAGE AREA.--2,231 sq mi.

PERIOD OF RECORD.--October 1949 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 432.26 ft above mean sea level (levels by Corps of Engineers).

AVERAGE DISCHARGE.--23 years, 4,170 cfs (25.38 inches per year).

EXTREMES.--Current year: Maximum discharge, 31,000 cfs Jan. 7 (gage height, 8.43 ft); minimum, 258 cfs Sept. 24; minimum daily, 320 cfs Oct. 3.

Period of record: Maximum discharge, 54,400 cfs Mar. 12, 1952 (gage height, 12.74 ft); minimum, 75 cfs Oct. 24, 1961; minimum daily, 78 cfs Oct. 23, 24, 1961.

REMARKS.--Records fair. Flow regulated by powerplants above station, by Burton and Mathis Reservoirs, and by Hartwell Lake (see sta 02187250). Records of water temperatures are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,280	5,410	7,400	779	9,100	4,950	1,210	3,640	7,120	1,610	7,200	5,410
2	576	5,480	12,800	413	20,600	5,090	514	4,000	7,120	691	7,240	1,070
3	320	7,400	7,240	4,270	20,900	5,060	3,130	4,270	1,250	4,540	7,240	665
4	6,400	8,770	1,160	5,200	21,200	1,500	3,230	3,940	665	1,610	7,960	1,280
5	4,640	8,500	620	6,800	2,540	481	3,080	4,150	6,840	7,160	1,210	4,780
6	2,850	1,300	9,620	10,600	548	8,230	4,740	1,120	6,360	7,560	716	3,300
7	985	390	9,940	11,900	3,610	8,720	5,020	407	2,630	9,890	8,680	4,740
8	4,300	7,680	9,670	1,430	3,670	8,680	1,360	4,330	3,030	1,320	8,090	4,420
9	501	8,090	9,310	468	3,780	8,680	501	5,650	4,920	665	6,960	3,400
10	330	8,410	9,260	8,320	3,310	8,810	3,850	6,720	919	5,200	3,700	725
11	2,680	9,580	1,110	11,400	6,680	1,210	4,270	6,280	674	5,440	5,230	4,810
12	2,680	8,230	501	10,000	1,050	455	4,210	5,970	3,850	5,440	1,220	4,670
13	2,650	798	6,680	7,500	826	3,580	4,180	1,070	3,940	5,480	742	5,830
14	2,350	357	6,920	8,500	3,850	3,940	6,560	2,410	6,440	4,180	7,280	7,680
15	1,440	9,260	6,920	4,000	9,710	3,910	1,040	8,410	3,970	856	7,360	6,480
16	481	9,170	6,880	2,000	9,760	3,970	836	8,590	3,940	643	6,160	1,010
17	455	9,170	10,700	5,500	12,400	3,910	4,270	8,500	807	5,230	7,360	635
18	2,800	9,220	2,570	4,500	15,400	996	4,570	8,140	635	6,680	7,760	7,560
19	2,350	9,220	691	2,200	4,030	437	7,080	11,300	4,480	6,680	5,720	10,900
20	2,370	779	17,000	3,500	674	3,550	7,040	1,120	5,790	5,550	1,010	5,860
21	2,370	351	17,800	5,000	3,940	3,910	3,000	534	9,170	5,690	7,320	1,730
22	1,910	11,200	17,800	2,500	2,530	4,120	898	5,370	11,100	940	6,680	1,280
23	583	11,100	17,900	550	5,160	4,480	514	7,200	10,000	750	7,360	643
24	449	11,300	7,520	1,600	2,900	4,480	3,350	6,520	1,230	5,020	7,360	605
25	2,880	3,030	1,320	4,400	2,750	1,040	3,910	9,800	725	2,510	7,360	7,000
26	1,710	10,600	419	4,300	665	455	3,910	8,950	8,320	4,990	1,320	7,000
27	2,370	1,270	2,550	4,270	475	3,610	3,910	1,340	8,770	2,510	733	7,480
28	2,370	419	4,950	4,620	4,510	4,000	3,910	708	12,300	3,080	5,970	7,360
29	2,370	7,120	5,300	11,500	4,920	4,060	1,230	5,270	15,200	866	6,080	3,820
30	635	7,440	5,340	1,340	------	4,390	401	5,580	13,900	807	8,410	548
31	379	------	5,340	18,100	------	4,450	------	7,120	------	4,270	5,510	------
TOTAL	66,464	191,044	223,231	167,460	191,498	125,154	95,724	158,409	166,095	117,858	172,961	122,691
MEAN	2,144	6,368	7,201	5,402	6,603	4,037	3,191	5,110	5,537	3,802	5,579	4,090
MAX	7,280	11,300	17,900	18,100	21,200	8,810	7,080	11,300	15,200	9,890	8,680	10,900
MIN	320	351	419	413	475	437	401	407	635	643	716	548

CAL YR 1971 TOTAL 1,210,392 MEAN 3,316 MAX 17,900 MIN 152
WTR YR 1972 TOTAL 1,798,589 MEAN 4,914 MAX 21,200 MIN 320

02189000 Savannah River near Calhoun Falls, S.C.

LOCATION.--Lat 34°04'15", long 82°38'30", Abbeville County, on left bank 150 ft upstream from bridge on State Highway 72, 1 mile downstream from Seaboard Coast Line Railroad bridge, 1.5 miles downstream from Rocky River, 3 miles southwest of Calhoun Falls, and at mile 279.7.

DRAINAGE AREA.--2,876 sq mi.

PERIOD OF RECORD.--August 1896 to August 1898, March 1899 to December 1900, January to December 1903, March 1930 to July 1932, April 1938 to current year. Published as "at Calhoun Falls" 1897-99. Records for January 1901 to December 1902, published in WSP 65, 75, and 83 have been found unreliable, and should not be used. Gage-height records collected at original site 1 mile upstream during 1899-1928 and at present site since 1928 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 363.53 ft above mean sea level. Prior to July 1, 1928, nonrecording gage at railroad bridge 1 mile upstream at datum about 369.0 ft above mean sea level.

AVERAGE DISCHARGE.--37 years (1896-97, 1899-1900, 1930-31, 1938-72), 5,062 cfs (23.90 inches per year).

EXTREMES.--Current year: Maximum discharge, 35,700 cfs Jan. 10 (gage height, 6.20 ft); minimum daily, 878 cfs Sept. 4.

Period of record: Maximum discharge, 96,500 cfs Aug. 13, 1940 (gage height, 11.52 ft), from rating curve above 50,000 cfs by velocity-area studies; minimum daily, 300 cfs Nov. 5, 1961.

The flood of Aug. 25, 1908 reached a stage of 28.2 ft at original site and datum, from records of National Weather Service (discharge, 144,000 cfs, from rating curve extended above 14,000 cfs.

REMARKS.--Records good. Flow regulated by powerplants above station, by Burton and Mathis Reservoirs, and by Hartwell Lake (see Sta 02187250).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6,500	4,200	8,380	3,720	22,200	5,240	3,370	1,560	7,500	5,240	6,250	5,500
2	1,250	4,200	13,000	1,060	23,800	5,500	1,260	4,000	7,450	1,260	7,650	3,300
3	1,000	7,500	9,880	2,000	24,600	5,600	2,730	4,520	3,400	2,900	7,600	890
4	7,500	10,500	5,080	5,550	24,200	4,600	3,560	4,360	1,150	3,370	8,440	878
5	5,000	9,580	1,660	6,550	9,460	1,220	3,260	4,240	4,680	6,000	3,920	3,440
6	3,000	5,450	8,200	11,900	1,420	8,920	4,360	3,260	6,550	8,020	1,030	3,300
7	1,750	968	13,200	13,300	2,200	9,220	5,280	916	4,040	9,820	7,050	3,440
8	4,500	4,640	12,000	6,400	4,600	9,280	2,990	2,900	2,990	4,600	8,140	5,600
9	1,250	8,980	11,000	1,170	4,520	9,280	1,230	5,900	4,480	1,160	7,500	4,240
10	1,000	9,100	10,600	11,200	4,440	9,280	2,700	7,450	2,990	3,480	4,760	1,820
11	2,400	10,500	5,950	23,700	7,050	4,760	4,640	6,850	1,170	5,750	4,680	3,020
12	2,400	10,500	1,360	16,300	3,720	1,060	4,680	6,750	2,450	5,750	3,370	4,720
13	2,630	6,100	3,720	8,980	2,000	2,650	4,600	4,080	4,040	5,750	1,020	5,550
14	2,350	890	7,800	10,700	3,880	4,120	5,040	3,880	6,300	4,720	5,750	7,250
15	2,330	5,600	7,750	6,700	9,160	4,120	4,720	10,100	4,400	2,780	7,750	7,650
16	1,360	10,200	7,750	3,300	10,700	4,280	1,260	11,000	4,040	1,030	6,350	3,190
17	1,010	10,200	11,200	6,750	12,600	4,320	1,620	9,940	2,600	3,020	7,650	968
18	1,560	10,200	6,750	5,500	16,000	2,500	4,880	9,280	1,050	7,200	8,080	4,840
19	2,400	10,300	2,200	3,230	8,320	1,080	6,000	11,500	2,780	7,550	5,900	9,940
20	2,330	5,950	12,200	4,080	3,020	2,630	7,300	5,360	8,380	5,280	3,160	7,850
21	2,330	890	19,400	7,250	2,080	4,120	6,400	1,530	15,200	7,500	5,750	4,480
22	2,480	7,600	19,400	4,760	4,480	4,600	2,080	3,400	13,700	3,190	7,050	1,350
23	1,680	12,300	19,500	1,590	3,400	4,560	1,100	7,000	12,700	1,080	7,700	1,160
24	1,020	12,800	11,200	3,090	4,880	4,840	1,620	7,100	4,880	3,230	7,750	929
25	1,720	7,350	4,400	5,500	3,090	2,930	3,960	10,700	1,590	3,520	7,750	4,960
26	2,280	7,960	1,160	5,360	2,200	1,050	3,960	10,500	6,800	4,160	3,120	6,750
27	2,100	5,850	1,590	5,400	1,170	2,680	3,920	6,600	9,280	3,520	1,160	8,500
28	2,380	1,010	4,680	5,950	1,880	4,400	3,960	1,270	12,700	3,120	3,800	7,700
29	2,300	4,560	5,450	11,600	5,200	4,760	3,260	3,370	16,400	2,150	6,200	4,840
30	2,030	8,620	5,850	6,800	-------	4,720	916	5,850	15,300	1,100	8,140	2,680
31	878	-------	5,900	14,800	-------	9,320	-------	7,500	-------	3,640	6,400	-------
TOTAL	74,878	214,600	258,290	224,190	226,270	143,660	106,656	180,444	190,990	130,690	180,870	130,725
MEAN	2,415	7,150	8,332	7,232	7,802	4,634	3,555	5,821	6,366	4,216	5,835	4,358
MAX	7,500	12,800	19,500	23,700	24,600	9,280	7,300	11,500	16,400	9,820	8,440	9,940
MIN	878	890	1,160	1,060	1,170	1,050	916	916	1,050	1,030	1,020	878

CAL YR 1971 TOTAL 1,712,676 MEAN 4,692 MAX 27,300 MIN 690
WTR YR 1972 TOTAL 2,062,173 MEAN 5,634 MAX 24,600 MIN 878

02194500 Clark Hill Lake near Clarks Hill, S.C.

LOCATION.--Lat 33°39'40", long 82°12'00", Columbia County (Ga.) - McCormick County (S.C.), Ga.-S.C. State line, in left spillway elevator tower of dam on Savannah River, 1.6 miles west of Clarks Hill, 3.7 miles upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 sq mi, approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum elevation, 332.95 ft Jan. 15; minimum, 325.57 ft Jan. 4.
Period of record: Maximum elevation, 336.72 ft Apr. 9, 1964; minimum, 296.48 ft Feb. 1, 1956.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 cu ft between elevations 305.0 ft (normal limit of drawdown) and 335.0 ft (top of spillway gates). Dead storage below 305.0 ft, 50,960,000,000 cu ft. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Water is used for flood control, generation of power, and navigation.

REVISIONS (WATER YEARS).--WSP 1703: 1953.

Capacity table (elevation, in feet, and usable contents, in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

315.0	18.73
320.0	30.06
325.0	43.12
330.0	58.37
336.0	78.84

FLEVATION, IN FEET, AT 2400, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	329.46	326.59	327.41	325.73	328.32	327.99	329.16	329.09	329.95	330.79	329.17	329.48
2	329.41	326.54	327.40	325.70	328.82	328.04	329.19	329.12	329.98	330.76	329.21	329.45
3	329.35	326.65	327.68	325.60	329.57	328.06	329.17	329.10	329.95	330.48	329.24	329.37
4	329.19	326.81	327.76	325.61	330.22	328.13	329.10	329.06	329.92	330.27	329.30	329.21
5	329.17	326.90	327.81	325.69	330.30	328.15	329.14	328.98	329.85	330.13	329.27	329.12
6	329.10	326.91	327.90	325.93	330.05	328.09	329.15	328.87	329.89	330.00	329.22	329.04
7	328.97	326.86	328.16	326.16	329.78	328.17	329.27	328.92	329.82	330.00	329.16	328.86
8	328.83	326.79	328.38	326.28	329.51	328.33	329.22	328.85	329.73	329.97	329.19	328.82
9	328.79	326.85	328.35	326.32	329.23	328.37	329.26	329.02	329.74	329.90	329.22	328.77
10	328.74	326.88	328.23	327.17	329.08	328.41	329.22	329.12	329.70	329.82	329.25	328.72
11	328.56	326.96	327.98	329.12	328.72	328.68	329.26	329.20	329.64	329.84	329.77	328.60
12	328.38	327.06	327.70	330.58	328.75	328.67	329.31	329.22	329.50	329.80	329.82	328.52
13	328.28	327.10	327.29	331.85	328.86	328.63	329.34	329.31	329.45	329.79	329.78	328.45
14	328.15	327.01	326.98	332.60	328.74	328.65	329.33	329.57	329.45	329.72	329.74	328.37
15	328.05	326.93	326.66	332.83	328.60	328.62	329.38	329.93	329.40	329.70	329.80	328.38
16	327.95	327.00	326.39	332.50	328.69	328.55	329.39	330.19	329.33	329.67	329.77	328.29
17	327.91	327.09	326.27	332.10	328.94	328.56	329.29	330.17	329.29	329.53	329.83	328.21
18	327.77	327.20	326.07	331.56	329.08	328.53	329.28	330.16	329.22	329.55	329.87	328.12
19	327.66	327.35	325.90	330.80	329.17	328.53	329.20	330.27	329.33	329.60	329.81	328.16
20	327.52	327.38	325.70	330.30	329.10	328.49	329.34	330.32	329.99	329.56	329.85	328.14
21	327.46	327.26	325.89	330.01	329.09	328.63	329.39	330.36	330.50	329.60	329.82	328.10
22	327.39	327.17	325.92	329.67	328.79	328.60	329.36	330.72	331.10	329.57	329.81	327.92
23	327.34	327.24	325.94	329.26	328.60	328.55	329.36	330.67	331.15	329.52	329.84	327.77
24	327.31	327.00	325.96	328.84	328.37	328.55	329.26	329.85	330.93	329.43	329.85	327.67
25	327.20	327.00	325.98	328.68	328.17	328.53	329.23	329.84	330.64	329.43	329.86	327.58
26	327.11	327.50	325.87	328.15	328.10	328.52	329.19	329.87	330.77	329.37	329.80	327.54
27	326.96	327.57	325.78	327.72	328.16	328.47	329.16	329.80	330.60	329.31	329.73	327.42
28	326.87	327.52	325.76	327.36	328.06	328.44	329.19	329.76	330.28	329.25	329.62	327.43
29	326.76	327.43	325.73	327.52	328.03	328.45	329.08	329.74	330.50	329.25	329.60	327.50
30	326.67	327.43	325.70	327.66	-------	328.43	329.06	329.75	330.63	329.18	329.63	327.55
31	326.63	-------	325.76	327.99	-------	328.36	-------	329.51	-------	329.17	329.56	-------
MEAN	328.03	327.10	326.79	329.41	328.92	328.47	329.25	329.60	329.98	329.74	329.56	328.33
MAX	329.46	327.57	328.38	332.83	330.30	328.68	329.39	330.76	331.15	330.79	329.87	329.48
MIN	326.63	326.54	325.70	325.60	328.03	327.99	329.06	328.85	329.22	329.17	329.16	327.54

WTR YR 1972 MEAN 328.72 MAX 332.83 MIN 325.60

02196000 Stevens Creek near Modoc, S.C.

LOCATION.--Lat 33°43'45", long 82°10'55", Edgefield County, on left bank at bridge on State Highway 23, 1.4 miles east of Modoc, and 3.2 miles downstream from Turkey Creek.

DRAINAGE AREA.--545 sq mi.

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 197.34 ft above mean sea level (levels by Southeastern Power Administration). Oct. 15, 1929, to Sept. 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

AVERAGE DISCHARGE.--33 years (1930-31, 1940-72), 402 cfs (10.02 inches per year).

EXTREMES.--Current year: Maximum discharge, 13,200 cfs Jan. 12 (gage height, 27.07 ft); minimum daily, 10 cfs Sept. 17.
Period of record: Maximum discharge, 35,100 cfs Aug. 14, 1940; maximum gage height, 41.08 ft Aug. 14, 1940; no flow Sept. 14, 15, Sept. 24 to Nov. 16, Nov. 22, 1954.

REMARKS.--Records good. Slight diurnal fluctuation during low flow caused by small mills above station.

REVISIONS (WATER YEARS).--WSP 1032: Drainage area. WSP 1533: 1954(m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	147	235	130	1,300	373	1,400	117	160	275	110	29
2	49	290	147	123	4,390	623	680	114	141	165	87	27
3	46	408	173	125	3,970	683	433	125	121	156	70	24
4	50	180	405	132	4,740	430	355	170	108	178	55	27
5	44	125	1,150	130	1,360	348	323	165	99	139	45	26
6	38	96	1,640	161	825	313	285	128	92	136	39	22
7	43	85	1,840	161	803	283	263	110	85	180	36	30
8	34	77	1,210	119	718	275	358	110	96	136	30	26
9	36	69	520	112	532	288	443	315	92	108	29	25
10	39	64	329	3,670	455	268	294	288	84	92	37	25
11	50	61	268	11,200	413	250	255	152	87	90	1,350	29
12	62	59	231	10,400	468	238	320	114	87	75	605	22
13	45	59	225	5,250	2,620	230	330	103	80	74	243	16
14	41	58	223	8,530	1,330	223	270	363	70	70	152	15
15	37	58	188	3,450	725	213	233	778	64	65	114	23
16	70	56	170	1,160	568	225	208	688	50	70	97	17
17	80	58	161	693	1,070	616	190	280	56	56	80	10
18	84	57	150	538	1,400	623	173	190	52	70	70	14
19	90	52	158	605	3,720	358	161	703	64	66	67	10
20	66	52	220	623	1,360	275	169	664	613	60	61	14
21	65	56	773	655	760	268	165	606	3,130	51	117	11
22	56	62	623	673	985	256	163	1,060	1,780	40	79	13
23	175	62	366	653	862	460	166	1,060	370	40	58	10
24	561	56	300	605	645	303	160	788	190	47	54	14
25	360	190	176	363	623	260	165	623	143	37	47	16
26	270	263	168	320	610	223	150	900	125	75	41	10
27	168	136	156	288	800	216	136	185	106	75	41	19
28	119	106	167	270	517	250	133	161	669	56	44	19
29	91	167	161	1,070	415	600	125	165	588	40	30	18
30	76	190	136	2,780	------	1,960	123	176	478	238	37	14
31	76	------	136	2,620	------	1,065	------	168	------	173	30	------
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CFSM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
IN.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CAL YR 1971 TOTAL [illegible] MEAN [illegible] MAX [illegible] MIN [illegible] CFSM [illegible] IN [illegible]
WTR YR 1972 TOTAL [illegible] MEAN [illegible] MAX 11,200 MIN 10 CFSM [illegible] IN [illegible]

PEAK DISCHARGE (BASE, 6,000 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
1-12	[illegible]	27.07	13,200	[illegible]	[illegible]	[illegible]	[illegible]

02197000 Savannah River at Augusta, Ga.

LOCATION.--Lat 33°22'25", long 81°56'35", Richmond County, at New Savannah Bluff lock and dam, 0.2 mile upstream from Butler Creek, 12 miles downstream from Augusta, and at mile 203.

DRAINAGE AREA.--7,508 sq mi, including that of Butler Creek.

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 96.58 ft above mean sea level (Corps of Engineers bench mark). Oct. 1, 1883, to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan, 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft above mean sea level (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street Bridge at datum 104.56 ft above mean sea level (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mile downstream from present site and at present datum.

AVERAGE DISCHARGE.--65 years, 10,130 cfs (18.32 inches per year).

EXTREMES.--Current year: Maximum discharge, 33,700 cfs Jan. 20 (gage height, 20.36 ft); minimum daily, 6,220 cfs Aug. 22.

Period of record: Maximum discharge, 350,000 cfs Oct. 3, 1929; maximum gage height, 46.3 ft Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 cfs Sept. 24, 1939, from rating curve extended below 1,400 cfs; minimum daily, 1,040 cfs Oct. 2, 1927.

Maximum flood known occurred in 1796, discharge 360,000 cfs (gage height, 40 ft, marked by local residents, at site and datum of Fifth Street gage) by conveyance-slope study.

REMARKS.--Records good. Flow regulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see sta 02194500) and by other powerplants above station.

REVISIONS (WATER YEARS).--WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1888, 1896-99, 1902-03, 1906-07, and 1932 (M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7,100	7,060	12,600	8,470	19,300	9,860	11,400	7,010	7,530	12,800	6,640	7,250
2	7,120	6,790	12,400	7,530	21,200	10,300	10,300	6,810	7,500	10,300	7,010	7,210
3	7,120	7,010	12,200	7,440	19,000	10,700	7,680	7,110	7,660	8,610	7,250	6,970
4	6,770	7,460	11,700	7,280	20,300	11,200	7,450	7,140	7,040	13,600	7,410	6,620
5	6,510	7,360	10,900	7,720	17,300	9,770	7,750	7,030	6,740	13,500	7,150	6,890
6	7,030	7,610	10,600	8,060	16,100	7,840	8,280	7,260	6,560	14,300	6,770	6,920
7	7,280	7,670	15,400	7,830	17,300	8,070	8,230	7,220	6,990	12,800	6,740	6,920
8	7,190	6,850	18,700	7,450	19,300	9,270	8,080	6,900	7,150	10,800	6,620	7,110
9	7,210	6,640	16,300	7,410	19,700	10,500	8,080	6,680	7,240	7,780	6,900	7,080
10	7,240	7,020	17,100	8,020	19,300	10,100	7,700	7,070	7,260	7,390	6,820	7,110
11	6,970	7,170	18,100	13,500	18,800	8,620	7,620	7,220	6,960	7,100	7,690	6,740
12	6,880	6,880	17,400	24,800	15,900	7,940	7,590	7,280	6,630	7,140	11,100	6,370
13	7,020	7,100	16,100	27,400	14,000	7,720	7,590	7,240	6,260	7,170	9,020	6,850
14	7,120	7,080	18,400	27,100	14,600	7,640	7,430	7,410	6,860	7,240	7,200	7,020
15	7,060	6,900	20,000	28,000	16,900	7,480	7,620	8,130	6,980	7,210	6,630	9,170
16	7,150	6,790	19,800	26,300	19,500	7,560	7,580	10,500	7,120	7,170	7,080	7,520
17	7,070	7,120	19,000	24,900	20,100	8,720	7,290	13,300	7,230	7,030	7,090	7,110
18	6,900	7,280	15,400	30,500	16,800	8,870	7,220	14,300	7,060	6,930	7,000	6,970
19	6,640	7,210	13,700	32,100	16,800	8,010	7,210	14,300	6,650	7,210	7,020	6,660
20	6,990	7,150	12,500	32,700	14,800	7,700	7,220	10,700	7,730	7,290	6,960	7,060
21	7,470	6,960	16,400	28,500	12,200	7,670	7,590	8,280	13,700	7,430	6,580	7,090
22	7,720	6,790	17,800	24,900	14,800	7,570	7,510	9,610	21,700	7,410	6,220	7,190
23	7,540	6,870	17,800	24,100	14,800	7,970	7,390	14,700	14,800	7,180	6,700	7,210
24	7,480	10,500	16,700	20,600	14,900	7,900	7,130	17,100	15,100	6,810	6,790	7,060
25	7,790	10,700	13,600	21,800	13,700	7,750	6,900	16,500	15,200	6,590	7,000	6,890
26	7,540	7,950	9,530	22,200	12,000	7,780	7,080	13,700	15,500	6,900	7,100	6,760
27	7,640	7,370	7,850	21,900	10,100	7,520	7,230	9,940	19,300	7,170	6,890	6,780
28	7,320	7,060	7,220	22,100	9,270	7,390	7,390	7,440	19,800	7,340	6,910	7,130
29	7,560	8,760	7,340	21,700	9,940	7,620	7,310	7,320	19,400	7,280	6,730	7,560
30	7,470	10,000	7,830	23,300	------	8,390	7,250	7,250	16,100	7,040	6,960	7,130
31	7,230	------	8,650	21,300	------	10,200	------	7,310	------	6,790	7,010	------
TOTAL	223,130	225,110	439,020	596,910	468,710	265,630	232,100	289,760	311,750	261,310	220,990	212,350
MEAN	7,198	7,504	14,160	19,260	16,160	8,569	7,737	9,347	10,390	8,429	7,129	7,078
MAX	7,790	10,700	20,000	32,700	21,200	11,200	11,400	17,100	21,700	14,300	11,100	9,170
MIN	6,510	6,640	7,220	7,280	9,270	7,390	6,900	6,680	6,260	6,590	6,220	6,370

CAL YR 1971 TOTAL 3,459,690 MEAN 9,479 MAX 59,700 MIN 4,460
WTR YR 1972 TOTAL 3,746,770 MEAN 10,240 MAX 32,700 MIN 6,220

02197300 Upper Three Runs near New Ellenton, S.C.
(Hydrologic bench-mark station)

LOCATION.--Lat 33°23'05", long 81°37'00", Aiken County, on downstream side of bridge on U.S. Highway 278, 0.4 mile upstream from Johnson Fork Creek, and 4.6 miles southeast of New Ellenton.

DRAINAGE AREA.--87.0 sq mi.

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 120 ft (from topographic map).

AVERAGE DISCHARGE.--6 years, 106 cfs (16.55 inches per year).

EXTREMES.--Current year: Maximum discharge, 372 cfs Aug. 17 (gage height, 7.52 ft); minimum, 91 cfs June 15, 16.
Period of record: Maximum discharge, 420 cfs Aug. 17, 1971 (gage height, 8.00 ft); minimum, 66 cfs Sept. 14, 1969.

REMARKS.--Records good. Records of chemical analyses and suspended sediment loads are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	99	126	138	109	134	120	141	108	104	123	156	105
2	100	130	114	112	164	119	126	108	102	115	115	100
3	99	117	191	112	147	118	121	114	100	115	114	98
4	97	112	249	111	140	115	120	124	99	118	106	100
5	103	107	152	116	127	114	118	111	98	125	106	121
6	102	106	132	112	124	112	117	107	97	196	104	107
7	97	105	128	109	134	111	117	105	98	124	105	102
8	96	103	123	108	126	113	118	119	97	114	100	100
9	101	103	118	108	121	112	116	126	96	108	102	100
10	187	104	117	136	120	111	114	111	96	106	143	99
11	129	104	118	174	118	112	117	108	99	106	225	97
12	109	104	117	148	129	112	122	105	96	111	212	96
13	104	104	117	231	156	112	118	108	95	106	127	96
14	102	103	121	323	129	113	115	146	94	103	115	96
15	102	103	117	208	121	112	115	130	94	103	115	96
16	103	103	116	144	117	120	112	120	93	102	109	95
17	106	103	115	133	121	136	109	111	94	103	109	96
18	101	107	114	129	123	120	109	112	96	102	106	98
19	101	105	112	126	132	118	114	126	126	103	103	99
20	103	108	126	124	122	115	112	125	251	102	101	96
21	117	105	129	127	118	117	111	115	209	98	99	96
22	131	106	118	128	117	141	114	114	126	98	98	96
23	120	109	114	129	114	122	121	112	109	104	101	95
24	134	139	112	124	114	117	110	111	103	109	101	96
25	146	152	112	121	114	117	108	106	114	102	108	97
26	119	120	112	118	118	118	111	103	231	97	103	97
27	112	119	111	118	124	116	111	114	130	100	102	97
28	109	120	112	118	119	124	108	118	167	107	102	105
29	108	219	115	145	118	131	108	117	256	106	129	130
30	109	145	112	190	------	136	108	109	144	98	116	108
31	113	------	111	153	------	183	------	109	------	118	106	------
TOTAL	3,459	3,491	3,893	4,344	3,661	3,737	3,461	3,552	3,714	3,422	3,638	3,014
MEAN	112	116	126	140	126	121	115	115	124	110	117	100
MAX	187	219	249	323	164	183	141	146	256	196	225	130
MIN	96	103	111	108	114	111	108	103	93	97	98	95
CFSM	1.29	1.33	1.45	1.61	1.45	1.39	1.32	1.32	1.43	1.26	1.34	1.15
IN.	1.48	1.49	1.66	1.86	1.57	1.60	1.48	1.52	1.59	1.46	1.56	1.29

CAL YR 1971 TOTAL 42,514 MEAN 116 MAX 382 MIN 89 CFSM 1.33 IN 18.18
WTR YR 1972 TOTAL 43,386 MEAN 119 MAX 323 MIN 93 CFSM 1.37 IN 18.55

PEAK DISCHARGE (BASE, 250 CFS)

DATE	TIME	G. H.	DISCHARGE	DATE	TIME	G. H.	DISCHARGE
12-03	1900	6.69	289	6-28	2400	6.90	310
1-14	0300	7.52	372	7-31	0100	6.38	259
6-20	0300	6.53	272	8-11	1600	7.02	322
6-26	0300	6.35	256				

02197320 Savannah River near Jackson, S.C.

LOCATION.--Lat 33°13'01", long 81°46'04", Aiken County, on left bank at Ellenton Landing, ½ mile southwest of Road A-4.7, ½ mile below Upper Three Runs, Savannah River Plant.

PERIOD OF RECORD.--Current year.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft above mean sea level.

EXTREMES.--Current year: Maximum gage height, 19.02 ft Jan. 21; minimum daily, 6,330 cfs Oct. 5.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6,790	7,220	10,600	8,160	18,900	10,000	10,400	7,150	7,340	17,100	6,870	6,930
2	6,760	7,000	11,900	7,700	18,600	11,000	11,100	6,970	7,440	15,000	6,820	7,010
3	6,750	6,950	11,900	7,330	18,600	11,000	9,560	6,730	7,530	11,600	6,910	6,970
4	6,750	7,200	12,700	7,140	18,400	10,000	7,580	6,920	7,340	11,800	6,990	6,820
5	6,330	7,310	11,700	7,170	18,300	9,600	7,460	7,010	6,840	13,600	7,120	6,680
6	6,430	7,340	11,200	7,450	17,600	8,800	7,700	6,990	6,630	17,200	6,930	6,800
7	6,860	7,510	12,300	7,640	17,200	8,800	7,980	7,020	6,640	14,700	6,710	6,820
8	6,830	7,300	14,900	7,260	17,400	9,000	7,830	7,030	6,870	13,500	6,540	6,820
9	6,790	6,870	16,200	7,170	17,600	9,700	7,770	6,890	6,950	10,600	6,580	6,840
10	6,940	6,700	16,300	7,310	17,800	9,960	7,670	6,790	6,970	8,330	6,690	6,870
11	7,160	6,800	16,600	8,980	17,900	9,420	7,460	6,890	6,950	7,640	6,970	6,850
12	6,910	6,600	17,000	14,700	17,800	8,130	7,480	6,970	6,750	7,390	9,130	6,550
13	6,810	6,800	16,800	17,700	17,000	7,620	7,430	7,040	6,430	7,360	10,600	6,420
14	6,790	6,900	16,700	19,600	15,800	7,570	7,450	7,150	6,350	7,310	8,920	6,640
15	6,820	6,600	17,200		15,900	7,490	7,360	7,320	6,650	7,310	7,410	7,440
16	6,840	6,600	17,700		16,600	7,600	7,340	8,840	6,740	7,280	7,000	8,110
17	6,860	6,700	17,900		17,500	7,860	7,450	10,900	6,860	7,280	7,140	7,010
18	6,830	6,890	17,600		17,800	8,870	7,300	13,100	6,910	6,970	7,000	6,860
19	6,590	7,030	16,600	19,800	17,200	8,360	7,230	13,900	6,910	7,130	6,880	6,630
20	6,480	7,020	14,700		17,000	7,790	7,180	12,700	7,070	7,370	6,840	6,620
21	6,920	6,910	14,900		15,200	7,610	7,150	10,100	9,240	7,350	6,790	6,780
22	7,260	6,820	15,900		15,000	7,650	7,280	8,130	14,800	7,370	6,460	6,790
23	7,380	6,650	16,600	20,000	16,000	7,640	7,240	11,500	16,300	7,260	6,430	6,900
24	7,390	7,410	16,800	19,500	16,000	7,820	7,210	14,500	15,700	7,010	6,690	6,870
25	7,560	10,600	16,400	18,900	16,000	7,730	6,960	15,700	15,400	6,700	6,670	6,790
26	7,640	9,310	13,400	18,800	14,000	7,640	6,800	15,500	15,300	6,630	6,790	6,650
27	7,640	7,680	10,200	18,800	11,000	7,600	6,830	13,700	15,800	6,790	6,880	6,610
28	7,540	6,990	7,820	18,700	10,000	7,470	6,950	9,980	16,900	6,990	6,840	6,640
29	7,180	7,310	7,320	18,700	10,000	7,430	7,020	7,760	17,700	7,090	6,900	6,990
30	7,230	9,370	7,460	18,900	------	7,650	7,070	7,340	18,000	7,030	6,880	7,320
31	7,100	------	7,860	19,100	------	8,690	------	7,300	------	6,940	6,900	------
TOTAL	216,160	218,390	433,160		474,100	263,480	229,240	285,820	293,310	283,630	220,280	206,030
MEAN	6,973	7,280	13,970		16,350	8,499	7,641	9,220	9,777	9,149	7,106	6,868
MAX	7,640	10,600	17,900		18,900	11,000	11,100	15,700	18,000	17,200	10,600	8,110
MIN	6,330	6,600	7,320		10,000	7,430	6,800	6,730	6,350	6,630	6,430	6,420

02198500 Savannah River near Clyo, Ga.

LOCATION.--Lat 32°31'30", long 81°15'45", Effingham County (Ga.) - Jasper County (S.C.), Ga.-S.C. State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3 miles north of Clyo, and at mile 65.

DRAINAGE AREA.--9,850 sq mi, approximately.

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

GAGE.--Water-stage recorder. Datum of gage is 13.41 ft above mean sea level. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--39 years, 13,210 cfs (16.21 inches per year).

EXTREMES.--Current year: Maximum discharge, 36,400 cfs Jan. 26; (gage height, 16.30 ft); minimum daily, 7,460 cfs Sept. 29.
Period of record: Maximum discharge, 270,000 cfs Oct. 6, 1929 (gage height, 29.7 ft, present datum, from information by Corps of Engineers), from rating curve extended above 120,000 cfs; minimum daily, 1,950 cfs Sept. 27, 1931.

REMARKS.--Records good. Flow regulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see sta 02194500), and by other powerplants above station. Records of chemical analyses are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 1112: 1940.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8,670	10,100	11,200	16,500	28,900	20,300	11,400	8,830	13,900	17,500	8,250	8,200
2	8,670	10,100	12,300	14,100	29,100	19,500	12,100	8,940	11,800	18,200	8,190	8,230
3	8,580	10,200	13,400	12,500	29,600	18,300	12,800	8,940	10,600	18,900	8,130	8,290
4	8,530	10,100	14,500	11,500	30,700	16,800	13,400	8,720	10,000	19,600	8,180	8,280
5	8,470	9,940	15,400	10,800	31,200	15,600	13,400	8,580	9,690	20,200	8,300	8,160
6	8,350	9,930	16,100	10,400	31,500	14,800	12,600	8,790	9,190	20,700	8,400	7,960
7	8,060	9,940	16,200	10,300	31,800	14,300	11,600	8,800	8,620	20,600	8,350	7,880
8	8,170	9,880	16,700	10,400	31,400	13,600	11,300	8,800	8,260	20,000	8,010	7,920
9	8,470	9,800	17,800	10,500	30,500	12,700	11,200	8,820	8,260	19,300	7,840	7,920
10	8,780	9,490	17,900	10,200	29,400	12,000	11,000	8,740	8,420	18,700	7,600	7,920
11	9,180	9,060	17,900	10,100	28,200	11,900	10,800	8,550	8,480	18,100	7,810	7,930
12	9,740	8,830	18,000	10,800	27,100	12,100	10,500	8,500	8,410	17,000	8,060	7,930
13	10,000	8,820	18,300	12,100	26,300	12,000	10,300	8,590	8,250	15,000	8,780	7,800
14	9,860	8,800	18,700	13,500	25,700	11,300	10,200	8,770	8,020	12,200	10,100	7,500
15	9,520	8,760	19,300	14,600	25,300	10,700	10,100	8,890	7,690	10,500	10,900	7,470
16	9,320	8,740	19,900	16,100	25,300	10,300	10,000	8,850	7,660	9,780	10,500	7,710
17	9,240	8,600	20,600	17,700	25,400	10,300	9,870	9,560	7,810	9,440	9,480	8,680
18	9,100	8,490	21,200	19,400	25,200	10,500	9,790	10,400	7,920	9,200	8,860	8,640
19	8,980	8,550	21,600	22,300	24,500	10,800	9,660	11,400	8,230	8,960	8,650	8,110
20	8,950	8,760	22,300	26,500	23,700	11,200	9,420	12,200	8,860	8,740	8,430	7,800
21	9,020	8,860	23,100	30,400	23,200	11,200	9,260	12,900	9,460	8,910	8,310	7,520
22	9,270	8,820	23,400	32,700	23,000	10,900	9,140	13,500	10,300	9,080	8,070	7,500
23	9,810	8,640	23,600	33,600	23,000	10,600	9,160	13,800	11,600	9,030	7,860	7,580
24	10,300	8,540	23,600	34,300	23,100	10,600	9,200	13,400	12,700	8,970	7,530	7,650
25	10,600	8,600	23,200	35,600	23,000	10,700	9,140	13,100	13,600	8,730	7,560	7,720
26	10,900	9,740	22,800	36,300	22,600	10,800	9,020	13,400	14,300	8,440	7,770	7,690
27	11,200	11,100	22,200	35,800	22,100	10,800	8,770	13,800	14,900	8,170	7,940	7,620
28	11,300	11,300	21,800	34,200	21,500	10,700	8,650	14,400	15,500	8,110	8,010	7,480
29	11,200	10,800	21,500	32,500	21,000	10,600	8,680	14,900	16,300	8,220	8,250	7,460
30	10,900	10,600	20,800	30,800	------	10,600	8,770	15,400	16,800	8,360	8,140	7,580
31	10,400	------	19,200	29,700	------	10,900	------	15,300	------	8,400	8,130	------
TOTAL	293,540	283,890	594,500	646,200	763,300	387,400	311,230	337,570	315,530	407,040	260,390	235,930
MEAN	9,469	9,463	19,180	20,850	26,320	12,500	10,370	10,890	10,520	13,130	8,400	7,864
MAX	11,300	11,300	23,600	36,300	31,800	20,300	13,400	15,400	16,800	20,700	10,900	8,640
MIN	8,060	8,490	11,200	10,100	21,000	10,300	8,650	8,500	7,660	8,110	7,530	7,460

CAL YR 1971 TOTAL 4,717,150 MEAN 12,920 MAX 52,900 MIN 8,060
WTR YR 1972 TOTAL 4,836,520 MEAN 13,210 MAX 36,300 MIN 7,460

Pee Dee River basin

02130900 LAKE ROBINSON.--Lat 34°23'50", long 80°09'00", Darlington County, at plant intake structure on Black Creek, 2.3 miles upstream from Beaverdam Creek, and 4.7 miles west of Hartsville. Drainage area, 173 sq mi. Records available November 1960 to current year.

Lake used for cooling water at the Robinson Steam-Electric Generating Plant of Carolina Power and Light Co. Put in operation 1960. Records furnished by Carolina Power & Light Co.

Santee River basin

02146900 LAKE WYLIE.--Lat 35°01'15", long 81°00'30", York County, at powerplant on Catawba River, 2 miles upstream from Big Dutchman Creek, 3.5 miles upstream from U. S. Highway 21, 3.5 miles northwest of Fort Mill, and at mile 138.5. Drainage area, 3,020 sq mi approximately. Records available October 1960 to current year. Records of stage August 1925 to September 1960 collected by Duke Power Company. Gage, float gage and indicator in powerhouse. Datum of gage is 469.4 ft above mean sea level (levels by Duke Power Co.).

Lake, used for hydroelectric power development, was first put in operation August 1925. Usable capacity, 2,520,500,000 cu ft between gage heights 95.0 ft and 100.ft. Dead storage, 4,022,000,000 cu ft. Records furnished by Duke Power Co.

02147300 FISHING CREEK RESERVOIR.--Lat 34°36'00", long 80°53'34", Chester County, at Fishing Creek dam, 0.25 mile upstream from State Highway 97, 0.5 mile upstream from Fishing Creek, 2.5 miles north of Great Falls, and at mile 100.5. Drainage area 3,810 sq mi, approximately. Records available October 1960 to current year. Records of stage November 1916 to September 1960 collected by Duke Power Co. Gage, float gage and indicator in powerhouse. Datum of gage is 317.2 above mean sea level (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 cu ft between gage heights 95.0 ft and 100.00 ft. Dead storage 963,100,000 cu ft. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15", long 80°42'10", Kershaw County, at Wateree Reservoir dam, 0.8 mile upstream from Graungs Quarter Creek, 8.75 miles northwest of Camden, and at mile 73.5. Drainage area 4,750 sq mi, approximately. Records available October 1960 to current year. Records of stage October 1919 to September 1960 collected by Duke Power Co. Gage, float gage and indicator in powerhouse. Datum of gage is 125.5 ft above mean sea level (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was put in operation 1917. Usable capacity 2,794,000,000 cu ft between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 cu ft. Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (equivalent in cfs)	Gage height (feet,	Contents (million cubic feet)	Change in contents (equivalent in cfs)	Gage height (feet)	Contents (million cubic feet)	Change in contents (equivalent in cfs)	Gage height (feet)	Contents (million cubic feet)	Change in contents (equivalent in cfs)
	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
Sept. 30	221.6	1,410	-	96.5	8,585	-	95.9	1,074	-	97.1	5,957	-
Oct. 31	221.6	1,410	0	97.4	9,031	+166.5	97.1	1,227	+57.1	96.8	5,792	-61.6
Nov. 30	221.2	1,369	-15.8	97.6	9,132	+39.0	96.0	1,086	-54.4	97.1	5,957	+63.7
Dec. 31	221.2	1,369	0	97.4	9,031	-37.7	97.5	1,280	+72.4	96.7	5,738	-81.8
CAL YR 1971	-	-	-2.8	-	-	+3.2	-	-	+9.3	-	-	-1.7
Jan. 31	221.3	1,379	0	96.9	8,782	-93.0	96.6	1,162	-44.1	97.6	6,235	+185.6
Feb. 29	221.3	1,379	0	97.3	8,981	+79.4	96.3	1,124	-15.2	96.5	5,629	-241.9
Mar. 31	221.4	1,389	+3.7	97.5	9,082	+37.7	95.6	1,036	-32.9	97.4	6,124	+184.8
Apr. 30	220.9	1,339	-19.3	97.0	8,832	-96.4	97.8	1,330	+109.6	96.8	5,792	-128.1
May 31	221.0	1,349	+3.7	97.0	8,832	0	96.5	1,149	-63.8	95.8	5,252	-201.6
June 30	220.9	1,339	-3.9	97.7	9,183	+135.4	97.5	1,280	+50.5	97.0	5,902	+250.8
July 31	220.9	1,339	0	97.4	9,031	-56.8	96.8	1,188	-34.3	98.6	6,806	+337.1
Aug. 31	220.6	1,310	-10.8	95.9	8,294	-275.2	92.9	721	-174.4	97.6	6,235	-212.8
Sept. 30, 1972	220.7	1,320	+3.9	95.8	8,247	-18.1	97.4	1,267	+210.6	96.7	5,738	-191.7
WTR YR 1972	-	-	-2.8	-	-	-10.7	-	-	+6.1	-	-	-5.9

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1972, in South Atlantic Slope basins

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
		Pee Dee River basin					
02131110	Jefferies Creek above Florence, S.C.	Lat 34°10'40", long 79°48'34", on upstream side of bridge on County Road 29, 2.6 miles southwest of Florence, and 5.0 miles upstream from confluence with Middle Swamp.	30.1	1969-72	12-22-72	5.03	†
02131500	Lynches River near Bishopville, S.C.	Lat 34°15'00", long 80°12'50", Lee County, near center of span on downstream side of bridge on U. S. Highway 15, 1.0 mile upstream from Seaboard Coast Line Railroad bridge, 2.9 miles northeast of Bishopville, 3.0 miles downstream from Bells Branch, and at mile 89.5.	675	1942-71‡ 1972	4-4-72	11.79	1860
02132500	Little Pee Dee River near Dillon, S.C.	Lat 34°24'17", long 79°20'25", Dillon County, near center of span on downstream side of bridge on State Highway 9, 1.9 miles southeast of Dillon, 3.9 miles (revised) upstream from Maple Swamp, and at mile 88.3	524	1939-71‡ 1972	5-20-72	8.58	1150
		Santee River basin					
02153500	Broad River at Gaffney, S.C.	Lat 35°05'20", long 81°34'20", Cherokee County, on right bank at downstream side of bridge on U. S. Highway 29, 0.3 mile upstream from Cherokee Creek, 4.4 miles downstream from Gaston Shoals Dam, 4.5 miles east of Gaffney, and at mile 270.3.	1490	1938-71‡ 1972	10-16-71	13.43	48900
02156000	Pacolet River near Clifton, S.C.	Lat 34°58'10", long 81°48'05", Spartanburg County, on left bank 1.0 miles (revised) downstream from dam at Clifton Mill, 1.3 miles southeast of Clifton, 2.7 miles upstream from Lawsons Fork Creek, 2.7 miles northeast of Glendale, and at mile 28.2.	320	1939-71‡ 1972	6-21-72	13.39	14000
02156300	Lawsons Fork Creek at Spartanburg, S. C.	Lat 34°56'53", long 81°52'08", on downstream side of bridge on secondary road, 0.8 mile east of Spartanburg, S.C.	65.2	1966-70‡ 1970-72	5-13-72	11.76	2120
02157500	Middle Tyger River at Lyman, S.C.	Lat 34°56'35", long 82°08'00", on left bank 200 ft upstream from bridge on State Highway 292 at Lyman, S.C.	68.3	1937-68‡ 1970-72	6-21-72	10.64	3140
02158000	North Tyger River near Moore, S.C.	Lat 34°48'10", long 81°57'57", on right bank at Ott Shoals, 2.6 miles southeast of Moore, S.C.	162	1933-68‡ 1970-72	6-21-72	4.96	4900
02158500	South Tyger River near Reidville, S.C.	Lat 34°52'35", long 82°05'10", on left bank 0.4 mile upstream from bridge on State Highway 296, 1.8 miles northeast of Reidville, S.C.	106	1934-68‡ 1970-72	10-16-71	5.13	1390
02159000	South Tyger River near Woodruff, S.C.	Lat 34°45'21", long 81°56'19", Spartanburg County on left bank at Chesnee Shoals, 0.5 mile upstream from confluence with North Tyger River, 5.75 miles east of Woodruff, and at mile 0.5.	174	1933-71 1972	10-17-72	5.12	2510
02160000	Fairforest Creek near Union, S.C.	Lat 34°40'45", long 81°41'25", Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mile downstream from Buffalo Creek, 4.3 miles southwest of Union, and at mile 7.5.	183	1940-71‡ 1972	6-22-72	6.04	3880
02162095	Smith Branch at Columbia, S.C.	Lat 34°01'49", long 81°02'57", on left downstream wingwall of culvert on Sunset Drive at Columbia, S.C.	6.14	1969-72	6-20-72	2.03	†
02163000	Saluda River near Pelzer, S.C.	Lat 34°40'05", long 82°27'55", Anderson County, on right bank 0.4 mile downstream from Hurricane Creek, 1.9 miles north of Pelzer, and at mile 114.2.	405	1929-71 1972	6-21-72	6.34	6280

Annual maximum discharge at crest-stage partial-record stations during water year 1972, in South Atlantic Slope basins

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (cfs)
0216400	Reedy River near Greenville, S.C.	Lat 34°48'00", long 82°21'55", Greenville County, on right bank 375 ft downstream from bridge on Interstate Highway 85, 0.5 mile upstream from Brushy Creek, 2.5 miles upstream from dam at Conestee, 3.9 miles southeast of city hall in Greenville, and at mile 48.5.	48.6	1941-71‡ 1972	6-21-72	9.00	3450
02169560	Gills Creek at Boyden Arbor Road at Ft. Jackson, S. C.	Lat 34°02'25", long 80.55'40", at downstream side of bridge on Boyden Arbor Road.	19.3	1970-71 1972	10-10-71	0.95	†
		Edisto River basin					
02172500	South Fork Edisto River near Montmorenci, S.C.	Lat 33°34'35", near center of span on downstream side of bridge on State Highway 215, 0.4 mile upstream from Cedar Creek, 1 mile upstream from Shaw Creek, 7.6 miles northeast of Montmorenci, Aiken County, and at mile 167.3.	198	1939-66‡ 1967-72	1-14-72	2.20	1780
02-173000	South Fork Edisto River near Denmark, S.C.	Lat 33°23'35", long 81°08'00", Orangeburg County, on left bank at downstream side of bridge on U. S. Highway 321, 380 ft downstream from Seaboard Coast Line Railroad bridge, 1.8 miles downstream from Little River, 4.8 miles north of Denmark, and at mile 136.6	720	1931-71‡ 1972	1-18-72	7.74	2780
		Savannah River basin					
02188000	Rocky River near Calhoun Falls, S.C.	Lat 34°08'00", long 82°38'00", on right bank 2,000 ft upstream from Swanigan Mill bridge on county road, 3.25 miles northwest of Calhoun Falls, S.C.	267	1950-66‡ 1970-72	1-11-72	7.21	4510
02192500	Little River near Mount Carmel, S.C.	Lat 34°04'13", long 82°30'02", on right bank 480 ft downstream from Island Fort bridge, and 4.5 miles north of Mount Carmel, S.C.	217	1930-70‡ 1970-72	1-11-72	18.99	6260

‡ Operated as a continuous-record gaging station.
† Discharge not determined.

PART 2. WATER QUALITY RECORDS

02110500 WACCAMAW RIVER NEAR LONGS, S.C.

LOCATION.--Lat 33°54'48", long 78°43'55", Horry County, at gaging station near right bank on downstream side of bridge on State Highway 9, 500 ft downstream from Buck Creek, 2.1 miles southeast of Longs, and at mile 65.4.

DRAINAGE AREA.--1,110 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: July 1971 to September 1972.

CHEMICAL ANALYSES, JULY 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (CFS)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
JULY, 1971							
13...	1400	26.0	822	51	5.7	5.2	80
AUG.							
26...	0945	24.0	7130	39	5.2	4.6	25
SEP.							
15...	0900	22.5	1750	47	5.9	5.3	40
OCT.							
06...	0845	22.0	620	58	5.8	6.3	60
NOV.							
23...	1020	9.0	704	55	6.1	7.9	31
DEC.							
14...	0945	15.0	618	65	6.3	7.2	98
JAN., 1972							
20...	0920	7.5	1640	61	6.7	10.6	--
FEB.							
15...	0930	8.0	6310	47	5.5	10.0	41
MAR.							
28...	0830	14.0	1050	56	6.4	8.5	51
APR.							
18...	0915	19.5	812	56	6.2	7.1	29
MAY							
16...	0830	19.5	810	60	6.0	7.2	100
JUNE							
20...	0800	23.5	280	58	6.4	6.7	39
JULY							
19...	1130	26.5	790	60	5.8	5.8	40
AUG.							
29...	0930	26.0	114	75	6.5	6.6	170
SEP.							
20...	1120	26.0	108	65	6.2	6.5	64

02110850 WACCAMAW RIVER AT GEORGETOWN, S.C.

LOCATION.--Lat 33°22'02", long 79°16'08", Georgetown County, at bridge on U.S. Highway 17, 1.0 mile east of Georgetown, and at mile 0.6.

PERIOD OF RECORD.--Chemical analyses: July 1971 to July 1972 (discontinued).

CHEMICAL ANALYSES JULY 1971 TO JULY 1972

DATE	TIME	TEMPER-ATURE (DEG C)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
JULY, 1971						
14...	0800	26.0	62	6.4	6.4	60
AUG.						
26...	1405	25.5	56	6.3	6.5	--
SEP.						
15...	1040	25.0	68	6.3	6.1	43
OCT.						
06...	1035	24.0	8900	7.6	8.2	160
NOV.						
23...	1145	9.5	3800	6.9	9.0	27
DEC.						
14...	1445	16.5	76	6.8	9.0	52
JAN., 1972						
20...	1050	10.0	80	6.8	10.2	290
FEB.						
15...	1520	10.0	56	6.6	11.5	27
MAR.						
27...	1505	17.0	70	6.8	8.9	25
APR.						
18...	1445	21.5	250	6.8	8.4	24
MAY						
16...	1345	23.5	500	6.8	7.7	28
JUNE						
20...	0915	25.0	5200	7.2	7.7	27
JULY						
19...	0735	25.0	70	6.2	6.2	20

PEE DEE RIVER BASIN

02130000 PEE DEE RIVER AT CHERAW, S.C.

LOCATION.--Lat 34°42'26", long 79°52'26", Chesterfield County, at bridge on U.S. Highway 1, 0.1 mile upstream from Seaboard Coast Line Railroad bridge and Huckleberry Creek, 0.5 mile downstream from discontinued gaging station, 0.6 mile northeast of Cheraw, and at mile 180.8.

DRAINAGE AREA.--7,320 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.							
05...	1000	23.0	11500	112	7.1	7.9	420
NOV.							
22...	1300	11.5	7600	79	7.0	9.9	40
DEC.							
13...	1145	14.5	9000	80	6.9	10.1	340
JAN.							
19...	1310	10.0	12500	77	6.9	11.0	320
FEB.							
14...	1200	8.0	12500	85	7.3	11.9	110
MAR.							
29...	1005	11.5	9200	80	6.8	10.6	300
APR.							
17...	1210	19.0	9000	80	7.1	9.2	57
MAY							
15...	1210	19.0	12000	78	6.7	8.4	67
JUNE							
19...	0955	25.5	600	76	7.2	8.1	20
JULY							
18...	0920	25.0	--	57	6.3	7.4	490

PEE DEE RIVER BASIN

02130910 BLACK CREEK NEAR HARTSVILLE, S.C.

LOCATION.--Lat 34°23'50", long 80°09'00", Darlington County, at gaging station at downstream side of highway bridge, 1000 ft downstream from dam at H.B. Robinson steam electric plant, 2.1 miles upstream from Beaverdam Creek, 4.6 miles west of Hartsville, and at mile 40.9.

DRAINAGE AREA.--173 sq mi.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC.							
13...	1100	16.0	415	20	5.6	11.0	--
FEB.							
14...	1110	11.0	327	20	5.6	11.8	--
APR.							
17...	0940	20.5	260	19	6.4	9.5	--
MAY							
15...	0835	21.5	200	20	6.4	9.2	11 *
JULY							
18...	1220	29.5	135	20	5.8	8.2	--
AUG.							
28...	1333	29.5	91	22	5.4	8.1	30
SEP.							
19...	1250	30.0	82	25	5.7	7.7	--

* Value based on non-ideal colony count.

02130930 BLACK CREEK AT DOVESVILLE, S.C.

LOCATION.--Lat 34°23'10", long 79°54'14", Darlington County, at bridge on U.S. Highways 52-401, 0.5 mile upstream from Seaboard Coast Line Railroad bridge, 1 mile southeast of Dovesville, and at mile 31.3.

PERIOD OF RECORD.--Chemical analyses: July 1971 to July 1972 (discontinued).

CHEMICAL ANALYSES, JULY 1971 TO JULY 1972

DATE	TIME	TEMPER-ATURE (DEG C)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
JULY, 1971						
12...	1545	26.5	53	6.2	3.9	70
AUG.						
25...	1100	24.5	37	5.7	4.8	56
SEP.						
14...	0925	22.0	63	6.3	4.3	58
OCT.						
05...	1040	23.0	46	6.3	5.2	40
NOV.						
22...	1340	12.0	60	6.5	6.3	44
DEC.						
13...	1245	17.5	58	6.4	6.0	55
JAN., 1972						
19...	1400	11.0	300	6.2	5.6	--
FEB.						
14...	1305	10.0	190	6.5	4.3	--
MAR.						
29...	1050	14.0	58	6.4	6.4	40
APR.						
17...	1310	23.0	56	6.2	5.3	72
MAY						
15...	1210	20.5	67	6.4	3.7	120
JUNE						
19...	1040	24.5	100	6.3	2.0	80
JULY						
18...	0710	26.5	76	5.6	3.4	--

02131000 PEE DEE RIVER AT PEEDEE, S.C.
(International Hydrological Decade Station)

LOCATION.--Lat 34°12'15", long 79°32'55", Marion County, at gaging station in pier of bridge on U.S. Highway 76 at Peedee, 0.2 mile downstream from Seaboard Coast Line Railroad bridge, 8.2 miles downstream from Black Creek, and at mile 100.2.

DRAINAGE AREA.--8,830 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1948 to September 1949, October 1961 to September 1972.
Water temperatures: February 1967 to September 1969, March to September 1972 (discontinued).
Sediment records: February 1967 to September 1972 (discontinued).

EXTREMES, 1971-72.--Specific conductance: Maximum daily, 112 micromhos Sept. 14; minimum daily, 61 micromhos Oct. 5.
Sediment concentrations: Maximum daily, 159 mg/l Oct. 12; minimum daily, 20 mg/l Dec. 29.
Sediment loads: Maximum daily, 11,100 tons June 28; minimum daily, 139 tons Sept. 11.

EXTREMES, 1967-72.--Specific conductance: Maximum daily, 140 micromhos Dec. 3, 1967; minimum daily, 52 micromhos July 16, 1968.
Water temperatures: Maximum daily, 32.0°C Aug. 8, 1968; minimum daily, 2.0°C Jan. 18, 1968.
Sediment concentrations: Maximum daily, 294 mg/l Aug. 12, 1970; minimum daily, 8 mg/l Oct. 20, 1970.
Sediment loads: Maximum daily, 13,900 tons Mar. 13, 1971; minimum daily, 43 tons Oct. 20, 1970.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.							
05...	1310	25.5	15600	60	6.7	7.3	770
NOV.							
23...	0805	8.0	9960	79	6.8	9.6	2700
DEC.							
13...	1430	16.5	14100	79	6.7	9.4	280
JAN.							
20...	0745	7.0	30900	70	6.6	10.0	350
FEB.							
14...	1500	9.5	20500	70	6.9	11.3	110
MAR.							
28...	0950	14.5	11900	82	6.8	10.0	180
APR.							
17...	1430	21.5	12400	80	7.0	8.6	140
MAY							
15...	1350	21.0	10600	85	6.6	8.1	230
JUNE							
19...	1215	25.5	3620	90	6.6	6.8	67
JULY							
17...	1245	27.0	4700	67	6.7	7.7	77
AUG.							
28...	1200	28.0	2460	90	6.9	6.2	--
SEP.							
19...	1400	22.5	2130	105	6.4	6.4	66

02131000 PEE DEE RIVER AT PEEDEE, S.C.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

DATE	TIME	DIS-SOLVED GROSS ALPHA AS U-NAT. (PC/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (PC/L)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)
OCT. 05...	1310	<.2	.8	<.7	2.3	4.2	2.0
DEC. 13...	1430	.3	.7	.8	2.0	4.5	4.2
JAN. 20...	0745	.3	.6	1.0	1.9	4.4	1.5
FEB. 14...	1500	.9	.5	2.6	1.5	3.9	1.3
MAR. 28...	0950	<.2	.4	<.7	1.2	3.7	2.2
APR. 17...	1430	.2	.7	.7	2.2	3.2	1.6
MAY 15...	1350	.2	1.1	.7	3.3	3.6	1.5
JUNE 19...	1215	.3	1.0	1.0	2.9	7.1	1.9
JULY 17...	1245	.2	1.4	.6	4.3	4.1	2.4
AUG. 28...	1200	<.3	1.0	<.8	2.9	3.9	1.4

DATE	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS-SOLVED RA-226 (PLAN-CHET COUNT) (PC/L)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED NATURAL URANIUM (U) (UG/L)	TOTAL FILT-RABLE RESIDUE (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)
OCT. 05...	3.4	1.7	--	.05	.05	53	42
DEC. 13...	3.6	3.6	--	.03	.06	61	34
JAN. 20...	3.5	1.3	--	.03	.07	56	30
FEB. 14...	3.1	1.1	--	.05	.09	57	29
MAR. 28...	3.0	1.9	--	.03	.09	58	31
APR. 17...	2.5	1.3	--	.04	.07	54	30
MAY 15...	2.8	1.2	--	.06	.03	59	46
JUNE 19...	5.6	1.6	--	.06	.04	63	49
JULY 17...	3.2	2.0	--	.05	.02	51	62
AUG. 28...	3.1	1.1	<.1	--	.01	61	38

02131000 PEE DEE RIVER AT PEEDEE, S.C.--Continued

TEMPERATURE (°C) OF WATER, MARCH TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	12.0	17.0	---	---	26.0	25.0
2	---	---	---	---	---	---	12.0	18.0	---	---	27.0	24.0
3	---	---	---	---	---	---	12.0	20.0	20.0	24.0	26.0	25.0
4	---	---	---	---	---	---	13.0	19.0	20.0	24.0	27.0	25.0
5	---	---	---	---	---	---	13.0	19.0	20.0	24.0	27.0	---
6	---	---	---	---	---	---	13.0	19.0	21.0	24.0	26.0	---
7	---	---	---	---	---	---	14.0	19.0	22.0	23.0	26.0	23.0
8	---	---	---	---	---	---	14.0	19.0	22.0	23.0	26.0	23.0
9	---	---	---	---	---	---	12.0	20.0	22.0	23.0	26.0	24.0
10	---	---	---	---	---	---	12.0	19.0	23.0	23.0	26.0	24.0
11	---	---	---	---	---	---	14.0	18.0	23.0	23.0	26.0	23.0
12	---	---	---	---	---	---	14.0	---	20.0	23.0	26.0	---
13	---	---	---	---	---	---	15.0	18.0	22.0	24.0	26.0	23.0
14	---	---	---	---	---	---	15.0	19.0	22.0	25.0	26.0	24.0
15	---	---	---	---	---	---	17.0	19.0	22.0	25.0	26.0	26.0
16	---	---	---	---	---	---	18.0	20.0	23.0	26.0	26.0	25.0
17	---	---	---	---	---	---	19.0	19.0	24.0	26.0	25.0	26.0
18	---	---	---	---	---	---	18.0	20.0	24.0	26.0	26.0	25.0
19	---	---	---	---	---	---	17.0	20.0	24.0	26.0	26.0	---
20	---	---	---	---	---	---	18.0	19.0	24.0	25.0	26.0	25.0
21	---	---	---	---	---	---	19.0	20.0	24.0	26.0	26.0	24.0
22	---	---	---	---	---	---	17.0	20.0	---	26.0	25.0	22.0
23	---	---	---	---	---	---	17.0	19.0	22.0	27.0	26.0	23.0
24	---	---	---	---	---	---	17.0	19.0	---	27.0	26.0	23.0
25	---	---	---	---	---	---	17.0	19.0	---	27.0	26.0	---
26	---	---	---	---	---	---	16.0	19.0	---	27.0	27.0	---
27	---	---	---	---	---	---	17.0	19.0	---	27.0	27.0	---
28	---	---	---	---	---	---	17.0	19.0	---	27.0	26.0	---
29	---	---	---	---	---	---	17.0	19.0	---	26.0	26.0	---
30	---	---	---	---	---	13.0	17.0	19.0	---	27.0	25.0	---
31	---	---	---	---	---	12.0	---	---	---	27.0	25.0	---
MONTH	---	---	---	---	---	---	15.5	19.0	---	25.0	26.0	---
YEAR	22.0											

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	---	79	80	---	80	82	80	---	---	81	100
2	85	---	80	78	---	79	81	80	---	---	80	100
3	80	---	---	78	---	80	82	85	69	77	81	88
4	71	---	78	78	---	80	82	82	68	72	81	89
5	61	---	77	80	77	78	88	85	69	75	82	---
6	70	---	78	85	---	79	84	85	69	76	93	---
7	88	---	73	85	---	80	80	82	79	71	89	87
8	82	---	78	85	---	81	79	79	75	72	81	101
9	80	73	88	83	---	81	79	81	78	72	81	109
10	78	77	89	82	---	80	72	81	81	69	85	101
11	72	73	84	92	---	79	72	79	80	71	81	110
12	88	79	85	82	---	80	73	82	80	71	80	---
13	89	80	80	---	72	80	78	81	82	72	80	101
14	80	78	70	---	74	78	89	86	92	70	79	112
15	77	83	78	---	---	78	90	88	87	69	79	103
16	75	80	79	---	82	81	81	84	88	70	80	101
17	82	79	80	---	83	82	80	82	91	70	89	100
18	---	80	80	---	80	89	85	79	89	70	84	108
19	---	79	81	---	79	84	82	79	95	69	81	---
20	---	79	79	---	78	79	80	79	88	63	82	98
21	---	80	80	---	75	79	81	78	99	65	81	100
22	---	78	82	---	79	78	80	76	---	70	81	95
23	---	77	88	---	83	85	80	78	89	77	83	88
24	72	78	85	---	84	---	80	78	---	79	87	89
25	---	79	81	---	82	---	79	78	---	78	91	---
26	---	80	81	---	80	81	81	72	---	80	85	---
27	---	80	80	---	80	89	91	73	---	80	85	---
28	---	78	80	---	78	84	91	78	---	78	90	---
29	---	90	80	---	80	81	85	78	---	78	92	---
30	---	82	81	---	---	80	82	78	---	79	92	---
31	---	---	79	---	---	81	---	---	---	79	100	---
MONTH	---	---	80	---	---	81	82	80	---	73	84	---
YEAR	82											

02131000 PEE DEE RIVER AT PEEDEE, S.C.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972
(Where no daily concentrations are reported loads are estimated)

	OCTOBER			NOVEMBER			DECEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	9250	60	1500	38900	--	9450	13200	36	1280
2	10600	54	1550	36700	--	7930	12800	45	1560
3	12900	60	2090	31900	--	6030	12300	--	1460
4	14500	71	2780	26200	--	4240	12100	42	1370
5	15200	45	1850	22400	--	3020	12000	43	1390
6	15100	36	1470	21800	--	2350	12000	31	1000
7	14600	37	1460	22000	--	2380	12600	24	816
8	13900	43	1610	21300	--	1730	14500	41	1610
9	13500	49	1790	19400	30	1570	15400	39	1620
10	12700	60	2060	17700	34	1620	15500	32	1340
11	10300	67	1860	16300	41	1800	15200	35	1440
12	14800	159	6350	15100	46	1880	14600	34	1340
13	17300	75	3500	14200	45	1730	13800	43	1600
14	11000	44	1310	13500	47	1710	13100	32	1130
15	17300	39	1820	12900	67	2330	12700	45	1540
16	15100	39	1590	12300	42	1390	12500	37	1250
17	15500	48	2010	11300	40	1220	12500	38	1280
18	17100	--	3000	10600	64	1830	12500	39	1320
19	20300	--	3560	10200	66	1820	12500	46	1550
20	24800	--	4350	9950	67	1800	12500	44	1490
21	22600	--	3970	9510	67	1720	12300	56	1860
22	21600	--	3790	9670	126	3290	12300	27	897
23	18900	--	3320	9790	53	1400	12800	37	1280
24	17800	81	3890	9740	37	973	13000	32	1120
25	17800	--	3840	9790	72	1900	12600	27	919
26	19900	--	4840	10500	62	1760	12100	40	1310
27	22600	--	6100	12500	59	1990	11700	23	727
28	26000	--	7020	13400	47	1700	11400	39	1200
29	30600	--	8260	13300	59	2120	11200	20	605
30	34800	--	9400	13300	39	1400	11000	21	624
31	38000	--	10300	--	--	--	10800	34	991
TOTAL	566350	--	112240	496150	--	76083	395500	--	38919

	JANUARY			FEBRUARY			MARCH		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	10600	32	916	13200	--	1070	13500	25	911
2	10500	31	879	13600	--	1100	13000	43	1510
3	9910	27	722	15800	--	2130	12600	41	1390
4	9560	26	671	18500	--	3500	12400	31	1040
5	9830	22	584	21400	79	4560	12300	42	1390
6	10100	36	982	25700	--	6250	12100	38	1240
7	9920	43	1150	30300	--	8180	11900	36	1160
8	9630	43	1120	33400	--	9020	11700	23	727
9	9570	40	1030	34400	--	7630	11400	33	1020
10	9990	59	1590	33000	--	5350	11200	38	1150
11	10900	29	853	29900	--	3230	10800	40	1170
12	15200	123	5050	26000	--	2460	8860	37	885
13	18400	--	4970	22600	32	1950	7450	31	624
14	20800	--	5620	20000	55	2970	6190	--	585
15	24900	--	6720	19000	--	2310	7550	46	938
16	29400	--	7940	18700	39	1970	7970	38	818
17	32600	--	8800	18300	35	1730	8020	38	823
18	33700	--	8190	17800	49	2350	9400	54	1370
19	32200	--	6960	17200	36	1670	9720	39	1020
20	28800	--	5440	17000	35	1610	10000	46	1240
21	24400	--	3950	17200	39	1810	9670	32	835
22	20800	--	2810	17300	27	1260	8640	26	607
23	18500	--	2000	17100	23	1060	9040	65	1590
24	17300	--	1870	16700	29	1310	10600	55	1570
25	16300	--	1760	16200	27	1180	11900	67	2150
26	15500	--	1260	15600	27	1140	12000	41	1330
27	14800	--	1200	15000	30	1220	11800	42	1340
28	14400	--	1170	14500	37	1450	11700	25	790
29	13900	--	1130	14100	27	1030	11600	38	1190
30	13400	--	1090	--	--	--	11500	35	1090
31	13100	--	1060	--	--	--	11600	29	908
TOTAL	528910	--	89487	589500	--	82300	328110	--	3441

02131000 PEE DEE RIVER AT PEEDEE, S.C.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued
(Where no daily concentrations are reported loads are estimated)

	APRIL			MAY			JUNE		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	12100	41	1340	7600	38	780	15000	--	1420
2	13400	32	1160	5230	40	565	14400	--	1360
3	14600	39	1540	6190	46	769	13700	46	1700
4	14700	27	1070	6990	37	698	12800	50	1730
5	14400	31	1210	8750	65	1540	12200	42	1380
6	13900	27	1010	9930	53	1420	10000	41	1110
7	13100	29	1030	10400	46	1250	8700	--	1060
8	12500	28	945	10400	--	1120	8600	51	1180
9	11900	31	996	10400	34	955	8000	44	950
10	9930	29	778	10400	35	983	7800	53	1120
11	8770	23	545	10600	43	1230	6500	60	1050
12	9470	--	767	11000	49	1460	5500	41	609
13	10100	37	1010	10900	39	1150	4200	38	431
14	11000	37	1100	10600	41	1170	5600	52	786
15	12100	36	1180	10600	61	1750	6000	51	826
16	12400	29	971	12700	42	1440	7000	67	1270
17	12300	27	897	16800	112	5080	6300	37	629
18	12000	27	875	18600	68	3410	5800	47	736
19	11600	28	862	20100	53	2880	4800	42	544
20	11000	35	1040	22300	33	1990	4200	40	454
21	10700	42	1210	23600	35	2230	7800	98	2060
22	10500	38	1080	24000	47	3050	10000	--	3240
23	10300	41	1140	23500	33	2090	16300	158	6950
24	10200	38	1050	22300	29	1750	18900	--	5100
25	8470	30	686	21200	32	1830	22000	--	5940
26	7950	49	1050	19900	33	1770	24800	--	6700
27	9370	44	1110	18300	32	1620	31200	--	8420
28	9820	42	1110	17600	29	1380	41000	--	11100
29	9860	42	1120	16400	25	1110	46000	--	9940
30	8710	48	1130	15200	31	1270	45000	--	7290
31	--	--	--	15500	--	1460	--	--	--
TOTAL	336950	--	31012	448490	--	51240	430100	--	87085

	JULY			AUGUST			SEPTEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	25000	--	3380	5510	53	788	3470	41	384
2	21000	--	2840	5480	65	962	4740	61	781
3	18000	45	2190	6490	68	1190	4250	37	425
4	17000	62	2850	8000	87	1880	2640	24	171
5	16500	72	3210	8080	79	1720	2080	--	168
6	14000	72	2720	7570	67	1370	2410	--	195
7	13300	75	2690	5670	57	873	4070	51	560
8	12400	94	3150	3760	42	426	4090	32	353
9	11600	85	2660	5470	65	960	4240	40	458
10	10900	90	2650	5780	61	952	4050	39	426
11	10300	88	2450	6460	--	1050	2460	21	139
12	8920	79	1900	6560	63	1120	2080	--	168
13	8950	81	1960	7030	62	1180	3640	37	364
14	9330	110	2770	4720	48	612	4670	46	580
15	8590	96	2230	2460	38	252	4400	36	428
16	6950	79	1480	2690	42	305	4120	31	345
17	4590	70	868	4120	49	545	3910	39	412
18	5400	72	1050	6150	69	1150	2530	26	178
19	8000	139	3000	7470	66	1330	2290	--	185
20	8310	107	2400	6110	47	775	4380	--	355
21	7940	96	2060	3320	50	448	4980	56	726
22	7950	88	1890	2350	28	178	4910	44	583
23	7830	91	1920	4110	51	566	4790	51	660
24	6830	87	1600	4100	37	410	3560	34	327
25	4930	65	865	4410	44	524	2750	--	223
26	6120	94	1550	4180	38	429	2550	--	207
27	5980	70	1130	3740	37	374	4420	--	358
28	6270	76	1290	2340	33	208	4950	--	401
29	7330	80	1580	2080	47	264	6590	--	534
30	7760	79	1660	2410	42	273	7550	--	612
31	6990	71	1340	2250	25	152	--	--	--
TOTAL	314970	--	65333	150870	--	23266	117570	--	11706

OTAL DISCHARGE FOR YEAR (CFS-DAYS) 4703470
TAL SUSPENDED-SEDIMENT DISCHARGE FOR YEAR (TONS) 703082

02131250 LYNCHES RIVER NEAR PAGELAND, S.C.

LOCATION.--Lat 34°45'00", long 80°30'31", Chesterfield County, at bridge on State Highway 9, 1.5 miles upstream from Wildcat Creek, 7.0 miles west of Pageland, and at mile 138.0.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMPERATURE (DEG C)	DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT.							
05...	0850	20.0	48	69	6.7	8.7	520
NOV.							
22...	1200	7.0	3.9	100	7.4	11.8	47
DEC.							
13...	0845	14.0	80	105	7.2	9.7	800
JAN.							
19...	1210	8.0	50	80	7.0	12.5	130
FEB.							
14...	0850	6.0	90	83	6.8	11.8	180
MAR.							
29...	0910	12.0	50	110	6.9	10.6	75
APR.							
17...	1110	20.0	15	95	7.5	9.6	30
MAY							
15...	1110	18.0	28	105	7.2	8.8	--
JUNE							
19...	0855	23.5	4.0	120	7.3	7.3	97
JULY							
18...	0925	25.0	--	90	7.2	7.4	50

PEE DEE RIVER BASIN

02131300 LYNCHES RIVER NEAR JEFFERSON, S.C.

LOCATION.--Lat 34°37'50", long 80°25'15", Chesterfield County, at bridge on State Highway 265, 0.8 mile upstream from Fork Creek, 2.1 miles southwest of Jefferson, and at mile 125.7.

DRAINAGE AREA.--170 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPFRATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
DEC. 13...	0920	14.5	84	7.2	9.8	110
FEB. 14...	0925	6.5	75	6.9	11.6	550
APR. 17...	1040	20.0	86	7.6	9.7	37
MAY 15...	0935	18.0	87	7.2	8.7	300
JULY 18...	0955	25.0	70	6.9	8.3	130
AUG. 28...	1010	23.0	90	6.8	7.7	--
SEP. 19...	1100	24.0	100	7.0	8.2	48

PEE DEE RIVER BASIN

02131440 LYNCHES RIVER NEAR BETHUNE, S.C.

LOCATION.--Lat 34°25'50", long 80°19'10", Kershaw County, at bridge on U.S. Highway 1, 1.9 miles northeast of Bethune, 5.4 miles upstream from Little Lynches River, and at mile 105.0.

DRAINAGE AREA.--380 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
DEC. 13...	0955	15.0	60	6.7	9.4	600
FEB. 14...	1005	7.0	74	6.7	11.5	380
APR. 17...	1005	20.5	64	6.8	7.7	60
MAY 15...	0900	19.0	73	6.9	7.8	260
JULY 18...	1035	25.5	90	6.5	7.1	91
AUG. 28...	1250	25.0	100	6.9	7.0	--
SEP. 19...	1215	24.0	160	6.7	6.7	93

02131500 LYNCHES RIVER NEAR BISHOPVILLE, S.C.

LOCATION.--Lat 34°15'00", long 80°12'50", Lee County, at gaging station near center of span on downstream side of bridge on U.S. Highway 15, 1.0 mile upstream from Seaboard Coast Line Railroad bridge, 2.9 miles northeast of Bishopville, 3.0 miles downstream from Bells Branch, and at mile 89.5.

DRAINAGE AREA.--675 sq mi.

PERIOD OF RECORD.--Chemical analyses: October 1945 to September 1946, October 1957 to September 1958, July 1969 to July 1972 (discontinued).
Water temperatures: October 1945 to September 1946.

EXTREMES, 1945-46.--Dissolved solids: Maximum, 41 mg/l Oct. 1-10, Dec. 1-10; minimum, 26 mg/l Sept. 1-10.
Water temperatures: Maximum, 25.5°C June 23, July 11, 12, 14, 17; minimum, 2.0°C Dec. 20-22.

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMPERATURE (DEG C)	DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT.							
05...	1120	22.0	4130	39	6.2	6.8	650
NOV.							
22...	1430	11.5	790	48	6.8	9.2	100
DEC.							
13...	1025	15.0	1380	51	6.5	8.3	87
JAN.							
19...	1440	9.5	--	40	6.4	11.7	40
FEB.							
14...	1040	7.0	1230	47	6.6	11.2	20
MAR.							
29...	1125	12.5	975	45	6.9	10.0	70
APR.							
17...	0905	19.5	810	56	6.9	7.4	27
MAY							
15...	0800	18.5	506	56	6.7	8.1	78
JUNE							
19...	0750	22.5	286	68	6.9	7.6	25
JULY							
17...	1100	24.5	313	52	6.7	7.4	51

PEE DEE RIVER BASIN

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.

LOCATION.--Lat 34°03'06", long 79°45'15", Florence County, at gaging station on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad bridge, 1.0 mile south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1951 to September 1952, October 1960 to April 1966, July 1968 to September 1972.
Water temperatures: October 1954 to September 1972 (discontinued).

EXTREMES, 1971-72.--Water temperatures: Maximum, 29.0°C July 21, 23; minimum, 3.5°C Jan. 18.

EXTREMES, 1954-72.--Water temperatures: Maximum, 32.0°C on several days in 1960, 1961, and 1963; minimum, 0.5°C Jan. 24, 1970

REMARKS.--Temperature recorder located at gaging station.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT. 05...	1320	22.5	643	64	6.6	7.2	85
NOV. 22...	1530	11.5	802	60	6.9	9.3	51
DEC. 13...	1340	17.0	1480	60	6.7	8.4	140
JAN. 19...	1525	11.0	5220	40	6.2	11.4	95
FEB. 14...	1355	10.0	2610	48	6.4	11.2	30
MAR. 28...	1055	14.5	1280	58	6.8	9.6	70
APR. 17...	1335	22.5	1250	63	6.9	7.3	120
MAY 15...	1300	20.0	836	60	6.9	7.9	230
JUNE 19...	1135	24.0	295	78	6.7	7.1	44
JULY 17...	1200	26.5	434	56	6.7	7.1	67
AUG. 28...	1105	26.5	230	83	7.1	7.1	--
SEP. 19...	1630	26.5	216	80	6.8	7.6	25

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	20.5	20.5	22.0	21.0	11.5	9.5	15.0	13.5	10.5	8.0	15.5	13.0
2	21.5	20.5	22.5	21.5	9.5	8.5	13.5	12.5	8.0	7.5	17.5	15.5
3	22.5	21.0	22.5	22.0	8.5	6.5	12.5	11.5	7.5	7.5	18.0	17.0
4	23.0	22.0	22.0	18.5	6.5	6.0	12.0	11.5	7.5	6.5	17.5	15.5
5	23.0	21.5	18.5	15.5	8.0	6.5	13.5	12.0	6.5	5.0	15.5	13.5
6	22.5	22.0	16.0	14.5	10.0	8.0	13.0	10.5	6.0	4.5	13.5	11.5
7	22.5	21.0	16.5	15.5	12.5	10.0	10.5	9.0	7.0	6.0	12.5	10.5
8	21.0	18.5	15.5	12.5	13.5	12.5	9.0	7.5	7.0	6.0	13.5	12.5
9	18.5	17.5	12.5	10.5	13.5	13.0	9.0	7.0	6.5	5.0	13.5	11.5
10	17.5	17.5	10.5	10.0	13.0	12.5	11.5	9.0	5.0	4.0	12.0	10.5
11	17.5	15.5	10.5	9.5	14.0	12.5	12.5	11.5	5.0	4.5	11.5	10.5
12	16.5	15.0	11.0	9.5	15.0	14.0	13.0	12.5	5.5	5.0	13.0	10.5
13	17.0	15.0	12.5	10.0	16.5	15.0	14.5	13.0	7.5	5.5	14.5	12.0
14	19.0	17.0	13.5	12.0	16.5	15.5	15.5	14.5	8.5	7.0	15.5	14.0
15	19.5	18.5	14.5	13.0	16.5	15.5	14.5	10.5	9.5	7.5	16.0	14.0
16	19.5	19.5	15.0	13.5	18.0	16.5	10.5	5.5	9.5	9.5	16.0	14.5
17	20.5	19.5	15.0	14.0	18.0	17.5	5.5	4.0	9.5	8.5	15.5	14.5
18	20.5	19.0	14.5	13.5	17.5	13.0	5.5	3.5	8.5	8.0	14.5	12.5
19	19.0	18.0	15.0	13.5	13.0	10.5	7.0	5.0	8.0	6.5	15.5	13.5
20	18.5	18.0	15.5	15.0	11.5	11.0	8.0	6.5	6.5	4.5	16.5	14.5
21	18.5	18.5	15.5	14.0	13.5	11.5	9.5	8.0	6.0	4.5	16.5	15.5
22	19.5	18.5	14.0	11.5	13.5	11.0	10.0	9.5	9.0	6.0	18.5	16.5
23	20.5	19.5	11.5	9.5	11.0	9.5	12.0	10.0	9.0	8.0	18.5	16.5
24	20.5	20.0	9.5	8.5	9.5	8.5	12.5	12.0	10.5	8.0	17.0	14.5
25	20.5	19.5	8.5	7.5	9.5	8.5	13.0	12.5	12.5	10.5	14.5	10.5
26	19.5	19.0	8.5	7.5	11.0	9.0	12.5	10.5	13.5	12.5	11.5	9.5
27	19.5	18.5	9.0	8.0	12.5	10.5	10.5	9.5	13.5	11.5	12.0	10.5
28	19.5	18.5	9.5	8.5	13.5	11.5	12.5	10.5	12.5	11.0	13.0	12.0
29	19.5	19.5	11.0	9.5	14.0	13.0	12.5	12.0	14.0	11.5	13.0	12.5
30	20.0	19.5	11.5	10.5	14.5	13.5	12.0	11.5	---	---	13.5	13.0
31	21.0	20.0	---	---	15.0	14.5	11.5	10.5	---	---	13.5	11.5
MONTH	23.0	15.0	22.5	7.5	18.0	6.0	15.5	3.5	14.0	4.0	18.5	9.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	12.5	11.0	19.5	17.5	18.5	17.0	26.0	23.5	27.5	25.5	24.5	22.5
2	12.5	11.5	19.5	18.0	18.0	16.0	26.5	24.5	27.5	25.5	24.5	21.5
3	13.5	11.0	19.0	19.0	18.5	16.5	28.0	25.0	28.0	25.5	24.5	22.0
4	15.0	13.5	19.5	17.5	19.5	17.0	28.5	26.0	28.5	26.5	24.5	22.5
5	15.5	14.5	19.5	18.0	20.5	18.5	26.5	25.0	28.5	26.5	24.5	23.0
6	16.5	14.5	19.5	17.5	20.5	18.5	25.5	23.0	26.5	25.5	24.0	22.0
7	18.5	16.5	19.0	17.5	22.5	20.0	24.0	21.5	27.5	25.0	24.0	21.5
8	18.5	15.5	18.5	17.5	22.5	20.5	24.0	22.0	27.5	25.5	23.5	21.5
9	15.5	13.0	20.5	17.5	23.0	20.5	23.5	22.0	28.0	24.5	24.0	22.0
10	13.5	11.5	20.5	18.0	23.0	21.5	23.5	22.0	27.0	25.5	24.5	22.5
11	14.0	13.5	18.5	16.5	22.0	20.0	23.0	22.5	26.0	25.0	23.5	21.5
12	16.0	14.0	19.5	16.5	21.5	19.0	23.5	22.5	26.0	23.5	24.0	21.0
13	19.5	16.0	18.5	17.5	22.0	19.5	26.0	23.5	26.5	24.0	25.5	22.5
14	21.5	19.5	20.0	18.0	23.0	20.0	26.0	25.0	26.5	24.5	26.5	24.0
15	23.5	20.5	20.0	19.5	23.5	20.5	27.0	24.5	26.5	24.5	27.0	25.0
16	24.0	22.5	20.5	19.0	24.0	21.5	28.5	25.5	26.5	24.0	27.0	25.5
17	24.0	22.5	20.5	18.5	25.5	22.5	28.0	26.5	24.5	23.0	28.0	26.0
18	23.0	21.0	19.5	18.0	25.5	23.5	27.5	26.5	25.0	24.0	26.5	25.0
19	22.0	20.0	19.5	18.0	25.0	22.5	28.0	26.5	27.5	24.0	27.5	24.5
20	22.5	20.5	18.0	17.5	22.5	22.0	28.5	25.5	27.0	25.5	26.5	25.5
21	22.5	20.0	18.0	17.0	23.0	21.5	29.0	26.5	27.0	24.5	24.5	23.0
22	20.0	19.0	17.0	16.5	23.5	21.0	28.5	27.0	27.0	24.5	24.5	21.5
23	20.5	18.0	17.0	16.5	23.5	21.5	29.0	26.5	27.5	25.5	24.5	22.5
24	21.0	19.0	17.5	16.5	23.0	21.0	28.5	27.5	27.5	25.5	24.5	22.5
25	21.0	18.0	17.5	17.5	23.5	21.0	28.0	27.0	27.5	25.5	25.0	22.5
26	18.0	17.0	17.5	15.5	24.5	22.5	28.5	27.0	26.0	25.0	25.5	23.5
27	17.5	15.5	15.5	14.5	24.5	23.0	27.0	25.5	27.5	25.0	26.5	24.0
28	17.5	15.5	15.5	14.5	24.5	23.0	26.5	25.0	27.0	25.5	26.5	24.5
29	18.0	16.5	17.0	15.5	24.5	23.0	26.0	24.0	25.5	24.5	26.0	24.5
30	19.0	17.0	17.5	16.5	24.5	23.0	26.5	24.5	26.5	24.5	25.5	24.0
31	---	---	18.5	17.5	---	---	27.0	25.5	26.0	24.5	---	---
MONTH	24.0	11.0	20.5	14.5	25.5	16.0	29.0	21.5	28.5	23.0	28.0	21.0
YEAR	29.0	3.5										

PEE DEE RIVER BASIN

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, S.C.

LOCATION.--Lat 34°03'25", long 79°14'50", Horry County, at gaging station near left bank on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mile downstream from Lake Swamp, and at mile 41.7.

DRAINAGE AREA.--2,790 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1950 to September 1951, July 1971 to September 1972.

CHEMICAL ANALYSES, JULY 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (CFS)	SPF-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
JULY, 1971							
13...	1300	26.0	1360	43	6.0	6.0	81
AUG.							
26...	0840	23.5	11760	46	5.4	6.2	54
SEP.							
15...	0800	21.5	1610	57	6.0	6.6	55
OCT.							
06...	0745	21.5	3180	52	5.9	6.6	58
MAY , 1972							
16...	0730	19.5	1840	58	6.1	6.8	70
JUNE							
20...	0705	23.5	1510	69	6.6	7.0	230
JULY							
19...	1025	26.5	1750	54	6.0	6.2	50
AUG.							
28...	1305	28.0	763	70	6.7	7.1	--
SEP.							
20...	0820	25.0	788	83	6.2	7.0	--

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER NEAR CONWAY, S.C.

LOCATION.--Lat 33°39'39", long 79°09'17", Horry County, at bridge on U.S. Highway 701, 0.5 mile upstream from Bull Creek, 3.4 miles downstream from Conch Creek, 13.7 miles southwest of Conway, and at mile 28.3.

PERIOD OF RECORD.--Chemical analyses: July 1969 to June 1971, December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC.						
14...	1145	15.0	79	6.6	8.4	93
FEB.						
15...	1200	8.5	56	6.3	11.2	18*
APR.						
18...	1115	20.0	75	6.8	7.7	31
MAY						
16...	1020	21.5	75	6.7	7.5	100
JULY						
19...	0940	26.0	68	6.3	5.4	21*
AUG.						
29...	1155	28.0	80	6.8	6.6	--
SEP.						
20...	1205	26.0	110	7.0	6.5	--

* Value based on non-ideal colony count.

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.
(Hydrologic bench-mark station)

LOCATION.--Lat 34°09'02", long 80°18'18", Lee County, at gaging station at bridge on U.S. Highway 15, 0.1 mile downstream from Beaverdam Creek, 0.9 mile upstream from Seaboard Coast Line Railroad bridge, and 5.8 miles southwest of Bishopville.

DRAINAGE AREA.--70 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1972.
Sediment records: October 1970 to September 1972 (periodic).

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPERATURE (DEG C)	DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT. 29...	0930	19.0	225	30	5.0	6.5	--
NOV. 30...	1120	10.5	164	25	5.1	9.2	130
DEC. 21...	0935	12.0	116	25	5.0	8.5	380
JAN. 24...	1045	11.5	178	25	5.4	9.1	--
FEB. 23...	1045	7.5	147	22	5.2	11.4	27
MAR. 29...	1150	13.5	123	22	6.3	9.4	43
APR. 17...	0830	19.5	97	26	5.3	6.4	58
MAY 15...	0730	18.5	70	25	5.8	7.4	130
JUNE 19...	0715	21.0	21	26	6.0	7.4	320
JULY 17...	1030	23.0	28	22	6.1	7.6	69
AUG. 29...	0810	22.0	26	27	5.6	7.5	200
SEP. 18...	1030	22.0	26	27	5.6	6.9	210

DATE	TIME	ALDRIN (UG/L)	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE (UG/L)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE (UG/L)
OCT. 29...	0930	.00	<.2	.00	<.2	.0	<1.0	.00	14	.00

DATE	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN (UG/L)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE (UG/L)
OCT. 29...	12	.00	74	.00	<.2	.00	<.2	.00	<.2	.00

DATE	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	MALATHION (UG/L)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION (UG/L)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	DIAZINON (UG/L)	METHYL PARATHION (UG/L)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)
OCT. 29...	<.2	.00	<.2	.00	<.2	.00	.00	<.2	.00	.00

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	COLOR (PLAT-INUM-COBALT UNITS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)
OCT. 29...	0930	19.0	225	80	29	4.7	1	0	.01	--
NOV. 30...	1120	10.5	164	50	25	4.8	1	0	.05	--
DEC. 21...	0935	12.0	116	100	25	4.9	1	0	.08	--
JAN. 24...	1045	11.5	178	75	23	5.0	2	0	.05	--
FEB. 23...	1045	7.5	147	55	22	4.9	1	0	--	.08
MAR. 29...	1150	13.5	123	75	20	5.1	2	0	.09	--
APR. 17...	0830	19.5	97	140	24	4.7	1	0	.10	--
MAY 15...	0730	18.5	70	80	25	4.9	3	0	.09	--
JUNE 19...	0715	21.0	21	50	22	5.2	3	0	.50	--
JULY 17...	1030	23.0	28	80	23	5.1	2	0	.20	--
AUG. 29...	0810	22.0	26	50	26	5.2	4	0	--	--

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)
OCT. 29...	4.8	1.2	.1	6.6	.05	52	18	31.6	.07
NOV. 30...	4.1	1.4	.1	6.4	.03	21	17	9.30	.03
DEC. 21...	5.4	1.8	.2	5.3	.02	26	18	8.14	.04
JAN. 24...	4.4	2.2	.1	2.5	.01	20	14	9.61	.03
FEB. 23...	3.8	2.8	.0	.1	.06	13	11	5.16	.02
MAR. 29...	5.9	.2	.2	1.4	.12	19	13	6.31	.03
APR. 17...	4.0	4.8	.1	1.5	.06	27	17	7.07	.04
MAY 15...	4.8	1.0	.1	5.6	.03	35	17	6.61	.05
JUNE 19...	3.0	2.6	.0	7.5	.02	33	20	1.87	.04
JULY 17...	3.7	1.2	.2	7.9	.05	38	18	2.87	.05
AUG. 29...	4.6	1.8	.0	7.0	.01	24	23	1.68	.03

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

DATE	TOTAL PHOS- PHORUS (P) (MG/L)	CYANIDE (CN) (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	DIS- SOLVED CAL- CIUM (CA) (MG/L)	DIS- SOLVED MAG- NE- SIUM (MG) (MG/L)	DIS- SOLVED SODIUM (NA) (MG/L)	SODIUM AD- SORP- TION RATIO	PERCENT SODIUM	DIS- SOLVED PO- TAS- SIUM (K) (MG/L)
OCT.										
29...	.000	--	4	3	.6	.5	2.4	.6	51	1.1
NOV.										
30...	.000	--	3	2	.4	.4	2.4	.6	61	.5
DEC.										
21...	.000	--	4	3	.4	.6	2.7	.6	58	.6
JAN.										
24...	.010	--	3	1	.4	.4	2.2	.6	62	.2
FEB.										
23...	--	--	3	2	.3	.6	1.8	.4	52	.3
MAR.										
29...	.013	--	4	3	.4	.7	2.3	.5	55	.2
APR.										
17...	.016	.00	4	3	.7	.5	3.0	.7	59	.6
MAY										
15...	.022	--	4	2	.8	.5	2.1	.5	51	.3
JUNE										
19...	.000	.00	4	1	.5	.6	2.4	.5	57	.2
JULY										
17...	.000	--	3	2	.7	.4	2.2	.5	55	.4
AUG.										
29...	.000	--	11	7	.7	1.0	2.5	.4	46	.4

DATE	TIME	DIS- SOLVED GROSS ALPHA AS U-NAT. (PC/L)	SUS- PENDED GROSS ALPHA AS U-NAT. (PC/L)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS- PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS- SOLVED GROSS BETA AS CS-137 (PC/L)	SUS- PENDED GROSS BETA AS CS-137 (PC/L)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS- PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS- SOLVED RA-226 (RADON METHOD) (PC/L)	DIS- SOLVED NATURAL URANIUM (U) (UG/L)
OCT.											
29...	0930	.5	.2	1.6	.7	3.5	.6	2.8	.6	.10	.05

INSTANTANEOUS SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE		TIME	DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)
OCT	29, 1971	0945	225	12	7.3
NOV	30......	1120	164	8	3.5
JAN	24, 1972	1100	178	5	2.4
FEB	23......	1045	147	12	3.8
MAR	29......	1150	123	10	3.3
APR	17......	0830	97	18	4.7
MAY	15......	0730	70	12	2.3
JUNE	19......	0715	21	14	0.8
JULY	17......	1030	28	17	1.3
AUG	29......	0940	26	16	1.1

02135600 POCOTALIGO RIVER NEAR SUMTER, S.C.

LOCATION.--Lat 33°48'15", long 80°17'25", Sumter County, at bridge on Sumter County Highway 32, 0.3 mile downstream from Briar Branch, 8.0 miles south of Sumter, and at mile 18.2.

DRAINAGE AREA.--185 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC.						
08...	1145	11.5	85	5.9	4.0	--
FEB.						
10...	1215	5.0	65	6.3	4.8	--
APR.						
19...	0930	18.0	51	6.2	2.1	13*
MAY						
17...	0810	19.0	75	6.2	1.8	33
JULY						
20...	0920	23.5	115	6.0	1.6	38
AUG.						
30...	0900	24.0	120	5.9	1.7	--
SEP.						
19...	1050	23.5	120	5.7	1.8	130

PEE DEE RIVER BASIN

02135610 POCOTALIGO RIVER NEAR MANNING, S.C.

LOCATION.--Lat 33°42'50", long 81°11'50", Clarendon County, at bridge on U.S. Highways 301-521, 0.1 mile upstream from Seaboard Coast Line Railroad bridge, 1.5 miles north of Manning, and at mile 9.8.

DRAINAGE AREA.--307 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC.						
08...	1205	14.5	95	6.5	8.6	--
FEB.						
10...	1245	5.0	76	6.8	13.0	26
APR.						
19...	0910	19.0	56	6.2	3.2	26
MAY						
17...	0745	19.5	46	6.3	3.8	58
JULY						
20...	0900	25.0	75	6.2	2.6	33
AUG.						
30...	0925	25.0	85	6.5	3.0	50
SEP.						
19...	1115	25.0	95	6.6	3.9	30

* Value based on non-ideal colony count.

02186030 BLACK RIVER NEAR ANDREWS, S.C.

LOCATION.--Lat 33°29'20", long 79°32'40", Georgetown County, at bridge on State Highway 41, 1.2 miles downstream from Seaboard Coast Line Railroad bridge, 2.8 miles north of Andrews, and at mile 48.5.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
DEC. 14...	1310	17.0	64	6.4	7.8	33
FEB. 15...	1345	10.0	49	6.2	11.0	29
APR. 18...	1245	22.0	63	6.6	6.6	48
MAY 16...	1145	22.5	62	6.7	7.0	88
JULY 19...	0905	26.0	70	6.5	6.1	--
AUG. 29...	1230	27.0	91	6.7	6.1	44
SEP. 20...	0930	26.5	95	6.4	5.9	63

PEE DEE RIVER BASIN

02136350 PEE DEE RIVER AT GEORGETOWN, S.C.

LOCATION.--Lat 33°22'09", long 79°15'50", Georgetown County, at bridge on U.S. Highway 17, 0.5 mile east of Georgetown, and at mile 0.5.

PERIOD OF RECORD.--Chemical analyses: July 1971 to July 1972 (discontinued).

CHEMICAL ANALYSES, JULY 1971 TO JULY 1972

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
JULY, 1971 14...	0830	26.0	67	6.3	5.4	150
AUG. 26...	1345	25.5	95	6.3	6.3	200
SEP. 15...	1010	25.0	5200	6.5	5.8	33
OCT. 06...	1000	23.5	11000	7.9	7.9	75
NOV. 23...	1205	10.5	8500	7.1	8.7	27
DEC. 14...	1425	16.0	83	6.5	8.4	94
JAN., 1972 20...	1110	11.0	120	6.6	9.7	90
FEB. 15...	1455	10.0	56	6.4	11.2	24
MAR. 27...	1445	17.0	500	6.7	9.1	58
APR. 18...	1425	22.0	3500	6.9	7.7	26
MAY 16...	1320	23.5	4600	6.9	7.3	17*
JUNE 20...	0935	25.0	5800	7.3	7.7	70
JULY 19...	0750	27.0	310	6.7	6.2	30

* Value based on non-ideal colony count.

02136370 SAMPIT RIVER AT GEORGETOWN, S.C.

LOCATION.--Lat 33°21'34", long 79°17'42", Georgetown County, at bridge on U.S. Highways 17-701, at Georgetown, and at mile 2.8.

PERIOD OF RECORD.--Chemical analyses: July 1971 to July 1972 (discontinued).

CHEMICAL ANALYSES, JULY 1971 TO JULY 1972

DATE	TIME	TEMPER-ATURE (DEG C)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
JULY, 1971 14...	0910	27.0	2500	6.8	2.5	600
AUG. 26...	1315	26.0	121	6.3	6.1	300
SEP. 15...	1110	26.5	9400	6.8	3.4	--
OCT. 06...	1100	24.0	11500	7.5	7.6	100
NOV. 23...	1230	10.5	10000	6.9	8.2	--
DEC. 14...	1345	17.0	2200	6.8	3.8	200
JAN., 1972 20...	1145	12.0	250	5.9	9.3	330
FEB. 15...	1430	11.0	210	6.6	9.2	110
MAR. 27...	1525	18.0	6000	6.9	4.8	2000
APR. 18...	1405	21.5	5000	6.9	7.9	50
MAY 16...	1255	23.0	5600	7.0	7.3	38
JUNE 20...	0955	25.5	5000	7.0	5.9	83
JULY 19...	0810	27.5	6500	7.1	4.5	110

02145680 CROWDERS CREEK NEAR CLOVER, S.C.

LOCATION.--Lat 35°06'39", long 81°05'17", York County, at bridge on State Highways 49-274, 1.7 miles downstream from Beaverdam Creek, 7.9 miles east of Clover, and at mile 2.7.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 19...	0935	14.5	100	7.4	10.4	--
JAN. 18...	1250	7.0	150	6.8	11.0	250
MAR. 30...	1115	14.5	120	7.8	11.4	400
JUNE 15...	1050	25.0	110	7.4	9.1	75
JULY 14...	0920	27.5	80	8.8	10.4	38
AUG. 25...	1010	29.5	100	8.0	8.7	--
SEP. 26...	1035	26.0	100	8.7	10.0	--

SANTEE RIVER BASIN

02145750 ALLISON CREEK NEAR CLOVER, S.C.

LOCATION.--Lat 35°03'44", long 81°07'27", York County, at bridge on State Highway 49, 1.1 miles upstream from Big Branch, 6.9 miles southeast of Clover, and at mile 5.6.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 19...	0920	12.5	86	7.2	10.1	250
JAN. 18...	1305	6.5	70	6.9	12.5	290
MAR. 30...	1135	13.5	75	7.3	10.2	1800
JUNE 15...	1135	19.5	88	7.1	8.9	180
JULY 14...	0935	21.0	90	6.6	8.3	320
AUG. 25...	1025	21.5	90	7.4	8.4	470
SEP. 26...	1045	26.0	110	7.1	8.8	25

02145770 ALLISON CREEK NEAR NEWPORT, S.C.

LOCATION.--Lat 35°02'57", long 81°05'54", York County, at bridge on State Highway 274, 1.1 miles downstream from Big Branch, 4.2 miles north of Newport, and at mile 3.4.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
19...	0950	14.5	80	7.2	10.2	--
JAN.						
18...	1240	9.5	65	6.8	9.9	160
MAR.						
30...	1105	14.0	80	8.7	12.2	100
JUNE						
15...	1020	25.5	83	8.3	9.1	--
JULY						
14...	0950	26.0	74	8.4	9.0	--
AUG.						
25...	0955	28.5	75	7.8	8.2	25
SEP.						
26...	1025	26.0	90	8.0	9.1	12*

* Value based on non-ideal colony count.

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.

LOCATION.--Lat 34 59'06", long 80 58'27", York County, at gaging station on right bank at downstream side of bridge on U.S. Highway 21, 3.5 miles downstream from Lake Wylie Dam, 5.0 miles northeast of Rock Hill, 7.5 miles upstream from Sugar Creek, and at mile 137.6.

DRAINAGE AREA.--3,050 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1957 to September 1962, October 1970 to June 1972 (discontinued).
Water temperatures: October 1957 to September 1962, October 1970 to June 1972 (discontinued).

EXTREMES, 1970-71.--Water temperatures: Maximum, 29.5 C July 28, Aug. 19; minimum, 3.5 C Feb. 14.

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	99	94	98	---	---	---	---	---	---	---	---	---
2	96	86	92	---	---	---	92	88	90	---	---	---
3	94	42	93	---	---	---	95	91	93	---	---	---
4	---	---	---	81	80	80	96	88	93	86	83	84
5	---	---	---	81	79	80	95	79	89	86	79	81
6	---	---	---	80	79	80	91	75	84	84	80	81
7	---	---	---	81	80	81	93	72	81	81	78	80
8	91	87	89	---	---	---	94	67	87	81	80	80
9	87	82	85	---	---	---	92	86	89	81	79	80
10	83	70	79	---	---	---	92	86	91	79	76	77
11	85	83	84	---	---	---	96	88	93	79	75	77
12	86	82	84	---	---	---	96	92	94	139	78	91
13	87	84	86	---	---	---	---	---	---	83	79	82
14	89	86	87	---	---	---	---	---	---	90	83	89
15	89	87	88	---	---	---	---	---	---	---	---	---
16	87	47	68	---	---	---	91	88	90	---	---	---
17	89	85	87	86	85	85	92	89	90	---	---	---
18	90	86	88	87	85	86	---	---	---	---	---	---
19	87	84	86	---	---	---	---	---	---	---	---	---
20	90	87	88	---	---	---	87	86	86	87	82	86
21	90	89	89	---	---	---	86	75	81	88	85	87
22	89	87	89	---	---	---	81	78	79	---	---	---
23	89	86	88	85	85	85	82	80	81	89	84	86
24	87	79	84	88	83	85	82	78	80	86	76	83
25	82	82	82	85	80	84	80	78	79	87	84	86
26	81	80	80	88	82	84	80	80	80	86	84	85
27	79	74	76	86	82	85	80	69	74	91	83	86
28	73	72	72	86	82	84	80	78	79	87	78	82
29	70	69	70	---	---	---	81	78	79	88	83	84
30	---	---	---	---	---	---	80	79	80	92	78	90
31	---	---	---	---	---	---	82	81	82	94	87	90
MONTH	99	47	84	---	---	---	96	67	85	---	---	---

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	91	82	86	88	84	86	100	95	97	152	87	109
2	88	83	85	89	87	88	98	92	96	157	88	103
3	87	70	81	---	---	---	98	93	96	98	94	95
4	86	80	84	---	---	---	98	92	96	97	94	95
5	---	---	---	---	---	---	99	95	97	---	---	---
6	---	---	---	---	---	---	98	94	96	---	---	---
7	---	---	---	88	86	87	97	94	95	---	---	---
8	88	85	87	88	88	88	98	90	96	---	---	---
9	88	85	87	87	86	86	98	93	95	98	96	97
10	88	86	87	89	86	87	98	96	97	99	97	98
11	89	85	87	88	86	87	99	97	98	99	96	98
12	90	87	88	88	86	87	99	96	98	99	96	97
13	---	---	---	88	86	87	98	93	96	100	96	97
14	---	---	---	88	86	87	96	95	96	98	94	97
15	90	86	88	89	85	87	95	93	94	101	91	96
16	91	89	90	90	87	89	95	90	93	120	97	101
17	---	---	---	91	89	90	96	92	94	100	97	98
18	100	85	91	95	88	91	97	92	94	98	94	96
19	88	86	87	92	87	90	95	94	95	94	90	92
20	88	85	86	92	88	90	96	93	94	90	86	88
21	87	84	85	91	89	90	96	93	94	86	84	85
22	85	83	84	95	86	90	98	95	97	84	77	81
23	88	87	87	91	88	89	96	88	92	115	76	81
24	89	87	88	90	88	89	95	89	93	78	74	76
25	90	86	88	93	90	92	95	88	92	75	73	74
26	89	86	87	94	88	91	95	90	93	75	71	73
27	90	77	87	94	90	92	94	92	93	74	68	70
28	89	86	87	95	92	94	94	92	93	73	64	71
29	90	85	87	96	91	94	94	91	92	75	70	72
30	---	---	---	94	92	93	92	87	90	74	72	73
31	---	---	---	98	94	96	---	---	---	---	---	---
MONTH	100	70	87	98.	84	90	100	87	95	157	64	89

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	74	72	73	---	---	---	---	---	---	---	---	---
2	73	71	72	---	---	---	---	---	---	---	---	---
3	72	70	71	---	---	---	---	---	---	---	---	---
4	74	72	73	---	---	---	---	---	---	---	---	---
5	74	72	73	---	---	---	---	---	---	---	---	---
6	73	72	72	---	---	---	---	---	---	---	---	---
7	74	72	72	---	---	---	---	---	---	---	---	---
8	74	71	72	---	---	---	---	---	---	---	---	---
9	75	72	73	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	74	72	73	---	---	---	---	---	---	---	---	---
14	76	72	75	---	---	---	---	---	---	---	---	---
15	78	75	76	---	---	---	---	---	---	---	---	---
16	79	76	78	---	---	---	---	---	---	---	---	---
17	78	75	76	---	---	---	---	---	---	---	---	---
18	80	75	79	---	---	---	---	---	---	---	---	---
19	82	80	81	---	---	---	---	---	---	---	---	---
20	81	78	79	---	---	---	---	---	---	---	---	---
21	80	74	78	---	---	---	---	---	---	---	---	---
22	82	74	80	---	---	---	---	---	---	---	---	---
23	86	80	84	---	---	---	---	---	---	---	---	---
24	87	78	81	---	---	---	---	---	---	---	---	---
25	82	74	77	---	---	---	---	---	---	---	---	---
26	75	70	72	---	---	---	---	---	---	---	---	---
27	69	65	67	---	---	---	---	---	---	---	---	---
28	66	64	65	---	---	---	---	---	---	---	---	---
29	65	64	65	---	---	---	---	---	---	---	---	---
30	65	64	65	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	87	64	74	---	---	---	---	---	---	---	---	---

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.—Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.1	5.2	5.8	---	---	---	---	---	---	---	---	---
2	6.0	5.2	5.6	---	---	---	9.5	9.2	9.4	---	---	---
3	6.1	5.1	5.6	---	---	---	9.7	9.4	9.5	---	---	---
4	---	---	---	6.6	6.6	6.6	10.1	9.4	9.7	9.8	9.6	9.7
5	---	---	---	6.9	6.7	6.8	9.6	9.2	9.4	9.8	9.4	9.6
6	---	---	---	6.9	6.2	6.7	9.8	9.0	9.4	9.8	9.3	9.5
7	---	---	---	6.2	5.9	6.0	9.9	8.2	9.3	9.9	9.2	9.6
8	7.0	6.3	6.6	---	---	---	10.9	8.1	9.2	10.1	9.3	9.6
9	6.6	5.8	6.2	---	---	---	10.7	8.5	9.2	---	---	---
10	7.2	6.3	6.6	---	---	---	10.1	8.2	9.5	---	---	---
11	6.9	6.2	6.5	---	---	---	---	---	---	---	---	---
12	6.8	6.2	6.4	---	---	---	---	---	---	9.7	8.6	8.8
13	6.5	6.0	6.2	---	---	---	---	---	---	---	---	---
14	6.2	5.0	5.6	---	---	---	---	---	---	---	---	---
15	5.6	5.3	5.5	---	---	---	---	---	---	---	---	---
16	6.7	4.8	6.1	---	---	---	10.1	9.4	9.9	---	---	---
17	---	---	---	8.3	7.6	8.0	10.5	9.8	10.2	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	9.2	8.8	9.0	9.4	9.2	9.3
21	6.9	6.6	6.7	---	---	---	9.3	9.0	9.1	9.4	9.1	9.3
22	6.8	6.5	6.6	---	---	---	9.1	8.9	9.0	9.3	8.4	8.9
23	7.0	6.4	6.8	9.2	7.8	8.2	9.1	8.9	9.1	9.3	8.5	9.0
24	7.0	6.1	6.4	7.8	7.2	7.6	9.7	8.9	9.3	9.1	8.4	8.8
25	6.3	5.7	6.0	7.1	6.5	6.8	9.9	9.2	9.6	---	---	---
26	5.9	5.5	5.7	6.4	6.0	6.2	9.9	9.3	9.7	---	---	---
27	5.6	5.3	5.5	6.6	6.1	6.4	9.4	8.7	9.0	9.2	8.4	8.9
28	5.7	5.0	5.3	6.7	6.0	6.3	9.2	8.9	9.1	---	---	---
29	5.8	5.2	5.6	---	---	---	9.1	8.7	8.9	---	---	---
30	---	---	---	---	---	---	9.1	8.7	8.9	---	---	---
31	---	---	---	---	---	---	8.8	8.6	8.7	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	10.8	10.0	10.3	10.1	8.8	9.3	9.0	6.7	7.7
2	9.2	9.0	9.1	11.1	10.1	10.7	---	---	---	8.0	7.1	7.6
3	9.8	8.9	9.3	---	---	---	---	---	---	7.2	5.5	6.2
4	10.0	9.3	9.7	---	---	---	---	---	---	8.3	5.8	6.8
5	---	---	---	---	---	---	10.4	8.3	9.4	8.4	5.7	6.7
6	---	---	---	---	---	---	10.5	8.2	9.8	8.1	5.8	6.9
7	---	---	---	11.1	10.3	10.7	---	---	---	8.0	6.1	7.0
8	9.8	9.2	9.5	11.4	9.9	10.5	---	---	---	7.0	5.9	6.5
9	9.7	9.2	9.3	11.3	9.9	10.5	10.7	8.7	9.7	6.8	5.9	6.5
10	9.5	9.0	9.2	11.0	9.8	10.4	10.4	8.1	9.2	---	---	---
11	9.7	8.5	9.2	11.3	9.6	10.5	9.5	8.0	8.7	---	---	---
12	9.5	8.2	8.8	11.6	9.7	10.7	10.2	8.2	9.2	---	---	---
13	---	---	---	11.5	9.7	10.7	9.8	8.1	9.0	---	---	---
14	---	---	---	11.5	9.7	10.6	---	---	---	6.2	5.7	6.0
15	10.1	9.6	9.9	10.8	9.3	10.0	---	---	---	6.3	5.5	6.0
16	9.8	9.3	9.6	10.0	9.0	9.5	---	---	---	6.6	5.9	6.2
17	9.7	9.4	9.6	10.6	8.5	9.7	---	---	---	6.5	6.0	6.3
18	9.6	9.4	9.5	10.5	8.6	9.5	---	---	---	6.2	5.8	6.0
19	9.5	8.6	9.1	---	---	---	9.0	8.2	8.6	6.2	5.3	6.0
20	---	---	---	10.0	8.9	9.5	8.9	7.4	8.1	6.3	5.1	5.6
21	---	---	---	9.8	8.5	9.1	---	---	---	6.1	5.5	5.9
22	---	---	---	---	---	---	7.2	5.8	6.8	6.0	5.7	5.9
23	11.6	10.5	11.1	---	---	---	8.1	6.3	7.3	6.7	6.0	6.3
24	11.4	10.9	11.1	---	---	---	8.5	6.6	7.7	6.4	6.2	6.3
25	11.1	10.7	10.9	---	---	---	8.6	5.0	7.1	6.4	6.0	6.2
26	11.0	10.2	10.7	---	---	---	9.3	6.9	8.0	6.2	5.7	6.0
27	11.6	10.0	10.8	---	---	---	9.0	7.3	8.0	6.1	5.6	5.9
28	10.9	9.7	10.4	---	---	---	8.8	7.1	7.9	6.1	5.5	5.8
29	10.8	9.7	10.2	---	---	---	8.9	6.8	7.3	6.4	5.7	6.1
30	---	---	---	---	---	---	9.1	6.6	7.8	6.4	6.1	6.2
31	---	---	---	10.6	8.6	9.6	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	9.0	5.1	6.3

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	6.9	7.2	---	---	---	---	---	---	---	---	---
2	7.8	6.6	7.1	---	---	---	---	---	---	---	---	---
3	6.8	6.3	6.5	---	---	---	---	---	---	---	---	---
4	7.4	6.2	6.8	---	---	---	---	---	---	---	---	---
5	6.9	6.3	6.6	---	---	---	---	---	---	---	---	---
6	6.9	6.0	6.5	---	---	---	---	---	---	---	---	---
7	7.2	6.0	6.6	---	---	---	---	---	---	---	---	---
8	7.2	6.2	6.6	---	---	---	---	---	---	---	---	---
9	6.9	5.9	6.4	---	---	---	---	---	---	---	---	---
10	6.8	5.7	6.1	---	---	---	---	---	---	---	---	---
11	7.9	5.7	6.9	---	---	---	---	---	---	---	---	---
12	6.9	6.0	6.7	---	---	---	---	---	---	---	---	---
13	6.8	5.8	6.3	---	---	---	---	---	---	---	---	---
14	6.5	5.6	5.9	---	---	---	---	---	---	---	---	---
15	5.8	5.4	5.6	---	---	---	---	---	---	---	---	---
16	6.4	5.1	5.6	---	---	---	---	---	---	---	---	---
17	6.0	4.9	5.4	---	---	---	---	---	---	---	---	---
18	6.5	4.9	5.7	---	---	---	---	---	---	---	---	---
19	5.4	4.5	4.9	---	---	---	---	---	---	---	---	---
20	5.1	4.4	4.8	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	7.0	6.2	6.7	---	---	---	---	---	---	---	---	---
27	6.9	6.4	6.7	---	---	---	---	---	---	---	---	---
28	7.0	6.2	6.5	---	---	---	---	---	---	---	---	---
29	6.3	5.6	6.0	---	---	---	---	---	---	---	---	---
30	5.8	5.6	5.7	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	7.9	4.4	6.2	---	---	---	---	---	---	---	---	---

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.0	24.0	24.5	---	---	---	---	---	---	---	---	---
2	26.0	23.5	24.5	---	---	---	12.5	11.5	12.0	---	---	---
3	26.5	24.0	25.5	---	---	---	11.0	8.5	9.5	---	---	---
4	---	---	---	20.5	19.5	20.0	10.0	8.5	9.5	13.0	12.0	12.5
5	---	---	---	20.5	19.0	19.5	10.0	8.5	9.5	---	---	---
6	---	---	---	21.0	19.0	20.0	10.5	8.5	9.5	---	---	---
7	---	---	---	19.5	18.5	19.0	14.0	9.0	12.0	---	---	---
8	26.0	24.0	25.0	---	---	---	13.5	8.0	11.0	---	---	---
9	25.0	22.0	23.5	---	---	---	---	---	---	---	---	---
10	22.5	19.5	21.0	---	---	---	---	---	---	---	---	---
11	23.5	20.0	22.0	---	---	---	---	---	---	---	---	---
12	24.5	21.0	22.5	---	---	---	---	---	---	13.0	12.0	12.5
13	24.0	21.0	22.5	---	---	---	---	---	---	---	---	---
14	23.5	21.5	22.5	---	---	---	---	---	---	---	---	---
15	23.5	21.0	22.5	---	---	---	---	---	---	---	---	---
16	22.5	19.0	20.5	---	---	---	14.0	13.5	14.0	---	---	---
17	23.0	21.5	22.0	17.5	15.5	16.5	13.5	12.0	12.5	---	---	---
18	22.0	21.0	21.5	18.0	14.5	16.0	---	---	---	---	---	---
19	21.5	20.5	21.0	---	---	---	---	---	---	---	---	---
20	21.0	20.5	21.0	---	---	---	13.0	12.5	13.0	11.5	10.5	11.0
21	21.0	20.5	21.0	---	---	---	14.0	12.5	13.0	10.5	8.5	9.5
22	21.0	20.5	21.0	---	---	---	12.5	11.0	12.0	9.0	8.5	8.5
23	21.0	20.5	20.5	15.0	14.5	15.0	---	---	---	11.0	8.5	10.0
24	21.0	20.0	20.5	14.0	12.0	13.0	---	---	---	11.5	9.0	10.0
25	20.5	20.0	20.0	16.0	12.0	13.5	---	---	---	---	---	---
26	21.5	19.5	20.5	15.0	12.0	13.5	---	---	---	---	---	---
27	21.0	20.0	20.5	17.0	13.0	15.0	---	---	---	---	---	---
28	21.5	20.0	20.5	17.0	12.5	14.5	14.5	12.0	13.5	---	---	---
29	21.0	20.0	20.0	---	---	---	13.0	10.0	11.5	---	---	---
30	---	---	---	---	---	---	13.5	11.0	12.5	---	---	---
31	---	---	---	---	---	---	12.5	11.0	11.5	---	---	---
MONTH	26.5	19.0	22.0	---	---	---	---	---	---	---	---	---

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	12.5	10.5	11.5	17.5	11.5	13.5	22.0	16.5	19.5
2	10.5	9.5	10.0	13.5	9.0	11.0	15.5	11.0	13.0	23.0	17.0	19.5
3	10.0	8.5	9.5	---	---	---	18.0	9.5	13.5	20.5	18.0	19.0
4	10.5	7.5	9.0	---	---	---	18.5	12.5	14.5	21.5	17.0	19.5
5	---	---	---	---	---	---	16.5	10.0	13.0	23.0	16.5	20.0
6	---	---	---	---	---	---	20.5	11.5	16.0	23.0	17.5	20.0
7	---	---	---	14.0	9.0	11.5	19.0	15.5	17.0	22.5	17.5	20.0
8	10.5	8.5	9.5	12.5	8.0	10.5	16.5	11.0	14.0	20.0	17.5	19.0
9	10.5	7.5	9.0	11.5	6.0	9.0	16.0	9.0	12.5	22.0	19.0	20.0
10	11.5	6.5	9.0	14.0	7.0	10.5	18.0	10.0	14.5	21.0	18.0	19.5
11	13.0	8.0	10.0	15.0	8.5	11.5	16.5	13.5	15.0	22.0	18.0	20.0
12	10.0	8.5	9.0	17.0	10.0	13.5	17.5	14.5	15.5	23.0	16.5	19.5
13	---	---	---	---	---	---	22.0	13.5	17.5	21.0	18.0	19.5
14	---	---	---	---	---	---	19.0	16.0	17.0	23.0	19.0	20.5
15	11.0	9.5	10.5	16.5	11.0	13.5	21.5	15.0	17.5	24.5	19.5	21.5
16	9.5	7.0	8.0	15.5	12.0	14.0	20.5	15.5	18.0	23.0	20.0	21.5
17	8.0	7.0	7.5	15.0	11.0	13.0	18.5	14.0	16.5	23.0	19.5	21.0
18	8.5	7.5	8.0	14.5	8.5	12.0	20.0	13.5	16.5	24.0	20.5	22.0
19	8.5	7.0	7.5	17.5	9.5	13.0	20.0	15.0	17.0	22.5	20.5	21.0
20	---	---	---	16.5	10.0	13.0	22.5	16.5	19.0	23.0	20.5	21.5
21	---	---	---	15.5	11.0	13.0	19.5	14.0	16.5	23.0	20.0	21.5
22	---	---	---	16.5	12.0	13.5	16.5	14.0	15.5	24.0	21.0	22.0
23	---	---	---	15.5	9.5	12.5	23.0	15.5	19.0	22.5	21.0	21.5
24	---	---	---	14.5	10.0	12.5	22.5	17.0	19.5	23.5	20.0	22.0
25	---	---	---	11.0	9.5	10.0	19.0	16.5	17.5	24.5	21.0	22.5
26	---	---	---	16.5	8.0	12.0	21.5	15.5	18.5	22.5	18.5	20.5
27	---	---	---	15.5	12.0	13.5	23.0	15.5	19.5	21.5	17.5	20.0
28	---	---	---	15.0	13.0	14.0	24.0	16.5	20.0	23.0	18.5	21.0
29	---	---	---	13.5	12.0	12.5	23.0	17.5	20.0	24.5	20.5	22.0
30	---	---	---	14.0	11.5	12.5	23.0	17.5	20.5	22.5	20.5	21.0
31	---	---	---	12.0	9.5	11.0	---	---	---	---	---	---
MONTH	---	---	---	17.5	6.0	12.0	24.0	9.0	16.5	24.5	16.5	20.5

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.0	20.0	21.5	---	---	---	---	---	---	---	---	---
2	24.5	18.5	21.5	---	---	---	---	---	---	---	---	---
3	25.5	19.5	22.5	---	---	---	---	---	---	---	---	---
4	25.5	20.5	23.0	---	---	---	---	---	---	---	---	---
5	25.0	21.0	23.0	---	---	---	---	---	---	---	---	---
6	24.5	21.5	23.0	---	---	---	---	---	---	---	---	---
7	24.0	21.5	23.0	---	---	---	---	---	---	---	---	---
8	24.5	21.5	23.0	---	---	---	---	---	---	---	---	---
9	25.5	22.0	23.5	---	---	---	---	---	---	---	---	---
10	23.5	21.5	23.0	---	---	---	---	---	---	---	---	---
11	24.0	19.5	21.5	---	---	---	---	---	---	---	---	---
12	24.5	19.0	22.0	---	---	---	---	---	---	---	---	---
13	25.5	21.0	23.5	---	---	---	---	---	---	---	---	---
14	25.5	22.5	24.0	---	---	---	---	---	---	---	---	---
15	25.5	22.5	24.0	---	---	---	---	---	---	---	---	---
16	26.0	22.5	24.5	---	---	---	---	---	---	---	---	---
17	26.5	23.0	25.0	---	---	---	---	---	---	---	---	---
18	26.0	24.0	25.0	---	---	---	---	---	---	---	---	---
19	24.5	23.0	23.6	---	---	---	---	---	---	---	---	---
20	24.0	23.0	23.5	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	26.0	24.0	25.0	---	---	---	---	---	---	---	---	---
27	26.0	23.5	24.5	---	---	---	---	---	---	---	---	---
28	25.5	23.0	24.5	---	---	---	---	---	---	---	---	---
29	25.5	23.5	24.5	---	---	---	---	---	---	---	---	---
30	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	26.5	18.5	23.5	---	---	---	---	---	---	---	---	---

02146800 SUGAR CREEK NEAR FORT MILL, S.C.

LOCATION.—Lat 34°57'00", long 80°52'14", York County, on left bank 0.1 mile downstream from bridge on State Highway 36, 6.3 miles southeast of Fort Mill, and at mile 0.4.

PERIOD OF RECORD.—Chemical analyses: October 1970 to June 1972 (discontinued).
Water temperatures: October 1970 to June 1972 (discontinued).

REMARKS.—Record of hourly values available in district office, Columbia, S.C. Specific conductance is greater than 1000 micromhos when no mean is computed for the day and 1000 micromhos is printed for maximum.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	662	229	346	---	---	---	---	---	---	303	268	283
2	204	72	103	---	---	---	---	---	---	271	234	250
3	992	75	283	---	---	---	---	---	---	250	220	238
4	777	98	269	146	114	128	---	---	---	281	230	240
5	218	96	160	196	150	173	---	---	---	225	195	205
6	1000	184	---	206	182	196	---	---	---	257	217	230
7	1000	129	---	766	185	411	---	---	---	278	252	263
8	256	190	227	554	197	280	---	---	---	296	262	281
9	286	180	251	294	205	230	218	199	207	---	---	---
10	1000	193	---	300	207	253	226	216	220	---	---	---
11	1000	[illegible]	---	304	268	285	237	218	225	---	---	---
12	928	[illegible]	512	305	274	293	234	223	229	938	111	362
13	904	124	289	303	272	289	239	165	203	1000	891	---
14	284	112	212	292	265	280	212	173	187	1000	568	---
15	313	187	264	279	245	263	227	210	218	1000	177	---
16	---	---	---	---	---	---	260	218	240	217	180	206
17	---	---	---	---	---	---	254	192	217	222	200	213
18	---	---	---	302	271	286	239	105	208	213	188	203
19	---	---	---	300	282	291	255	102	237	317	202	227
20	---	---	---	---	---	---	244	211	227	272	216	231
21	---	---	---	---	---	---	---	---	---	265	234	246
22	---	---	---	---	---	---	---	---	---	251	212	223
23	---	---	---	284	269	277	---	---	---	277	214	233
24	---	---	---	292	134	260	---	---	---	253	255	301
25	---	---	---	390	134	254	---	---	---	391	228	280
26	---	---	---	---	---	---	---	---	---	271	249	260
27	200	149	184	---	---	---	---	---	---	282	262	274
28	204	187	194	---	---	---	240	221	231	282	264	274
29	216	194	207	---	---	---	264	237	248	288	273	281
30	229	217	222	---	---	---	265	250	260	288	243	275
31	---	---	---	---	---	---	301	253	268	238	218	229
MONTH	---	---	---	---	---	---	---	---	---	1000	111	252

02146800 SUGAR CREEK NEAR FORT MILL, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	258	207	235	---	---	---	639	134	267	292	254	274
2	---	---	---	---	---	---	170	142	157	266	244	258
3	---	---	---	---	---	---	175	149	164	276	222	257
4	---	---	---	---	---	---	192	158	172	890	239	726
5	---	---	---	---	---	---	230	156	179	849	431	644
6	---	---	---	218	212	214	180	168	173	---	---	---
7	494	179	271	249	218	231	199	180	189	---	---	---
8	229	198	211	259	235	247	1000	180	---	266	211	236
9	262	231	241	283	229	258	214	155	174	1000	195	---
10	273	257	263	---	---	---	203	173	187	882	554	724
11	275	253	262	---	---	---	211	199	205	626	469	558
12	286	247	274	---	---	---	229	210	217	920	369	671
13	---	---	---	224	210	218	212	151	181	570	237	337
14	161	138	147	231	210	219	308	149	187	---	---	---
15	204	162	178	260	234	242	---	---	---	---	---	---
16	221	209	217	274	248	261	---	---	---	128	95	112
17	229	190	220	501	203	281	---	---	---	193	126	145
18	186	172	180	---	---	---	---	---	---	264	138	179
19	172	162	166	---	---	---	254	238	247	305	189	241
20	177	149	166	--	---	---	263	237	251	923	288	637
21	179	157	169	---	---	---	265	233	250	---	---	---
22	210	178	190	---	---	---	250	215	235	---	---	---
23	216	202	210	---	---	---	498	133	304	222	101	122
24	223	198	212	201	188	193	748	122	437	130	104	115
25	202	197	200	233	200	218	263	111	190	188	120	151
26	203	188	195	265	188	225	294	255	275	180	155	166
27	208	181	193	191	180	187	305	272	290	182	162	167
28	197	180	191	197	178	185	297	266	285	233	161	180
29	219	184	196	202	194	198	305	274	287	---	---	---
30	---	---	---	206	150	167	301	274	289	---	---	---
31	---	---	---	182	156	176	---	---	---	---	---	---
MONTH	494	138	208	---	---	---	1000	111	232	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	327	308	317	---	---	---	---	---	---	---	---	---
2	348	314	329	---	---	---	---	---	---	---	---	---
3	374	339	353	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	321	272	292	---	---	---	---	---	---	---	---	---
7	901	369	687	---	---	---	---	---	---	---	---	---
8	734	582	674	---	---	---	---	---	---	---	---	---
9	659	347	473	---	---	---	---	---	---	---	---	---
10	387	317	347	---	---	---	---	---	---	---	---	---
11	388	360	373	---	---	---	---	---	---	---	---	---
12	419	333	367	---	---	---	---	---	---	---	---	---
13	356	320	338	---	---	---	---	---	---	---	---	---
14	360	322	342	---	---	---	---	---	---	---	---	---
15	391	349	363	---	---	---	---	---	---	---	---	---
16	537	380	434	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02146800 SUGAR CREEK NEAR FORT MILL, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.8	2.4	2.6	---	---	---	---	---	---	6.8	6.1	6.5
2	3.0	1.8	2.2	---	---	---	---	---	---	7.1	6.9	7.0
3	3.0	1.5	2.3	---	---	---	---	---	---	7.4	7.1	7.3
4	3.2	2.0	3.0	6.2	5.6	6.0	---	---	---	7.5	7.2	7.4
5	3.5	2.0	3.0	6.6	6.2	6.4	---	---	---	7.1	5.9	6.5
6	---	---	---	6.6	5.9	6.3	---	---	---	6.8	6.0	6.3
7	4.1	3.6	3.9	6.4	5.6	6.0	---	---	---	7.3	6.8	7.1
8	4.3	4.0	4.2	7.6	6.5	7.0	---	---	---	7.5	7.0	7.4
9	4.6	4.3	4.4	8.1	7.3	7.7	7.2	7.2	7.2	---	---	---
10	4.5	3.8	4.0	8.2	6.9	7.4	7.1	6.8	7.0	---	---	---
11	5.0	3.6	4.4	7.2	6.7	7.0	6.7	6.0	6.4	---	---	---
12	5.0	3.4	4.4	7.1	6.5	6.8	6.0	5.9	5.9	7.0	5.1	6.0
13	5.0	3.6	4.4	7.0	6.2	6.5	5.8	5.5	5.7	5.3	4.4	4.8
14	5.0	3.7	4.6	6.5	6.2	6.3	6.3	5.8	6.0	6.7	4.4	5.1
15	4.7	4.2	4.4	6.3	6.0	6.2	6.2	5.4	5.7	8.9	6.9	8.0
16	---	---	---	---	---	---	5.3	4.7	4.9	9.9	8.4	9.1
17	---	---	---	---	---	---	5.1	4.5	4.8	10.5	7.8	9.5
18	---	---	---	5.8	5.5	5.7	6.7	5.4	6.0	9.9	7.8	9.1
19	---	---	---	6.0	5.8	5.9	7.6	7.0	7.3	9.1	6.7	8.1
20	---	---	---	---	---	---	7.5	6.1	7.0	8.0	5.0	6.6
21	---	---	---	---	---	---	---	---	---	4.9	4.2	4.5
22	---	---	---	---	---	---	---	---	---	4.6	4.5	4.6
23	---	---	---	7.8	7.7	7.8	---	---	---	5.0	4.8	4.9
24	---	---	---	8.1	7.7	7.9	---	---	---	5.3	5.1	5.2
25	---	---	---	7.9	7.7	7.8	---	---	---	5.7	5.5	5.6
26	---	---	---	---	---	---	---	---	---	6.5	5.8	6.2
27	4.6	4.3	4.5	---	---	---	---	---	---	6.9	6.6	6.7
28	4.3	3.9	4.1	---	---	---	6.4	6.1	6.2	6.7	6.0	6.3
29	3.9	3.8	3.9	---	---	---	6.3	6.1	6.2	6.2	6.0	6.1
30	3.8	3.6	3.7	---	---	---	6.4	5.9	6.2	6.6	6.4	6.5
31	---	---	---	---	---	---	6.0	5.6	5.9	7.1	6.6	6.8
MONTH	---	---	---	---	---	---	---	---	---	10.5	4.2	6.6

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.8	7.3	7.6	---	---	---	---	---	---	3.5	3.1	3.3
2	---	---	---	---	---	---	---	---	---	3.4	3.0	3.2
3	---	---	---	---	---	---	---	---	---	3.1	2.9	3.0
4	---	---	---	---	---	---	5.0	4.8	4.9	3.0	2.8	2.9
5	---	---	---	---	---	---	5.1	4.2	4.7	3.2	2.7	3.0
6	---	---	---	6.3	3.9	4.2	5.3	4.1	4.8	---	---	---
7	8.1	6.7	7.4	6.2	3.3	4.3	5.1	4.1	4.6	---	---	---
8	8.6	7.8	8.1	5.6	2.8	3.3	5.7	4.0	4.9	3.3	3.0	3.1
9	9.0	8.6	8.8	3.1	2.9	3.0	---	---	---	3.3	2.7	3.0
10	9.2	8.7	8.9	---	---	---	5.2	4.8	5.0	2.9	2.6	2.8
11	8.9	8.2	8.5	---	---	---	5.0	4.5	4.8	3.1	2.9	3.0
12	8.4	8.2	8.3	---	---	---	2.9	2.8	2.9	3.2	2.6	2.9
13	---	---	---	5.1	4.3	4.5	2.8	2.0	2.5	3.0	2.7	2.8
14	8.4	8.0	8.3	4.6	3.8	4.2	2.5	2.0	2.3	---	---	---
15	8.5	7.6	8.1	4.4	4.0	4.2	---	---	---	---	---	---
16	8.0	7.7	7.9	4.5	4.3	4.4	---	---	---	4.5	3.7	4.2
17	8.4	8.2	8.3	4.5	3.8	4.3	---	---	---	4.4	4.0	4.2
18	8.4	7.0	7.7	---	---	---	---	---	---	4.3	3.9	4.1
19	8.8	7.3	7.7	---	---	---	3.0	2.9	2.9	4.2	4.1	4.1
20	9.4	7.7	9.0	---	---	---	3.1	2.8	3.0	4.3	4.1	4.2
21	---	---	---	---	---	---	3.3	3.0	3.1	---	---	---
22	---	---	---	---	---	---	4.0	3.6	3.8	---	---	---
23	8.1	6.3	6.8	---	---	---	4.1	3.4	3.8	3.7	3.5	3.6
24	7.0	6.3	6.7	5.7	5.1	5.4	3.9	3.4	3.7	3.5	3.2	3.4
25	6.3	5.4	5.7	6.3	5.5	5.8	4.3	3.9	4.1	3.2	2.8	3.0
26	5.4	4.5	5.0	6.9	6.0	6.4	4.5	4.1	4.3	3.0	2.8	2.9
27	5.3	4.5	5.0	6.9	5.9	6.4	4.6	4.0	4.3	3.0	2.8	3.0
28	5.5	4.8	5.3	6.9	6.4	6.6	4.4	3.7	4.1	3.0	2.6	2.8
29	6.2	4.1	4.6	6.5	6.2	6.4	4.0	3.4	3.7	---	---	---
30	---	---	---	---	---	---	3.7	3.1	3.4	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02146800 SUGAR CREEK NEAR FORT MILL, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.9	2.7	2.8	---	---	---	---	---	---	---	---	---
2	3.1	2.8	3.0	---	---	---	---	---	---	---	---	---
3	3.1	2.8	3.0	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	1.8	1.5	1.6	---	---	---	---	---	---	---	---	---
7	2.4	0.9	1.7	---	---	---	---	---	---	---	---	---
8	2.8	2.1	2.5	---	---	---	---	---	---	---	---	---
9	2.4	1.9	2.2	---	---	---	---	---	---	---	---	---
10	2.2	1.7	2.0	---	---	---	---	---	---	---	---	---
11	2.6	1.9	2.4	---	---	---	---	---	---	---	---	---
12	3.3	2.5	2.9	---	---	---	---	---	---	---	---	---
13	2.9	1.9	2.5	---	---	---	---	---	---	---	---	---
14	1.9	0.9	1.6	---	---	---	---	---	---	---	---	---
15	1.5	0.6	1.0	---	---	---	---	---	---	---	---	---
16	1.0	0.2	0.6	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	2.3	0.9	1.5	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	2.9	2.4	2.6	---	---	---	---	---	---	---	---	---
27	2.8	2.2	2.4	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	21.0	22.0	---	---	---	---	---	---	13.5	11.0	12.0
2	28.5	22.0	25.5	---	---	---	---	---	---	11.0	10.0	10.5
3	29.5	23.0	26.0	---	---	---	---	---	---	10.0	9.0	9.5
4	23.5	22.0	22.5	---	---	---	---	---	---	10.5	9.0	9.5
5	24.0	21.5	22.5	---	---	---	---	---	---	11.5	10.5	11.0
6	---	---	---	---	---	---	---	---	---	---	---	---
7	23.0	19.5	21.0	---	---	---	---	---	---	---	---	---
8	20.0	18.5	19.5	---	---	---	---	---	---	---	---	---
9	21.0	16.0	18.5	---	---	---	12.0	12.0	12.0	---	---	---
10	21.0	19.0	20.0	---	---	---	13.5	11.5	12.5	---	---	---
11	---	---	---	---	---	---	15.5	13.0	14.5	---	---	---
12	---	---	---	---	---	---	15.5	14.5	15.0	---	---	---
13	---	---	---	---	---	---	16.5	14.0	15.0	---	---	---
14	18.5	17.0	18.0	---	---	---	13.5	12.5	13.0	---	---	---
15	---	---	---	---	---	---	15.5	12.5	14.5	---	---	---
16	---	---	---	---	---	---	18.0	15.0	17.0	---	---	---
17	---	---	---	---	---	---	18.0	15.5	17.5	---	---	---
18	---	---	---	14.0	13.0	14.0	15.0	8.5	12.0	---	---	---
19	---	---	---	14.0	11.5	12.5	---	---	---	---	---	---
20	---	---	---	---	---	---	12.0	8.0	10.0	11.0	9.5	10.5
21	---	---	---	---	---	---	---	---	---	13.0	10.5	12.0
22	---	---	---	---	---	---	---	---	---	13.0	12.5	12.5
23	---	---	---	8.0	7.0	7.5	---	---	---	15.0	12.0	13.0
24	---	---	---	7.5	6.0	6.5	---	---	---	16.0	12.0	14.5
25	---	---	---	6.5	6.5	6.5	---	---	---	14.5	11.5	13.0
26	---	---	---	---	---	---	---	---	---	11.0	8.5	10.0
27	---	---	---	---	---	---	---	---	---	9.5	7.5	8.5
28	---	---	---	---	---	---	14.5	13.0	14.0	12.5	10.0	11.5
29	---	---	---	---	---	---	14.5	13.0	13.5	12.5	11.5	12.0
30	---	---	---	---	---	---	15.0	12.5	14.0	11.5	10.5	11.0
31	---	---	---	---	---	---	16.0	13.5	15.0	11.5	8.5	10.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02146800 SUGAR CREEK NEAR FORT MILL, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	7.0	7.5	---	---	---	---	---	---	21.0	17.5	19.5
2	---	---	---	---	---	---	---	---	---	23.0	18.0	20.5
3	---	---	---	---	---	---	---	---	---	24.5	19.5	22.0
4	---	---	---	---	---	---	17.0	15.5	16.0	25.5	21.0	23.5
5	---	---	---	---	---	---	21.5	14.5	17.5	26.0	19.0	22.5
6	---	---	---	12.0	10.5	11.0	24.5	13.0	18.5	---	---	---
7	9.5	8.0	8.5	12.5	11.0	12.0	24.0	16.5	20.5	---	---	---
8	8.0	6.0	7.0	15.5	11.5	13.0	21.5	14.0	18.5	19.0	18.5	19.0
9	6.5	5.0	5.5	14.5	11.0	12.0	---	---	---	24.5	18.5	22.0
10	6.5	4.0	5.5	---	---	---	15.0	13.0	14.0	22.5	18.5	20.5
11	8.5	5.5	6.5	---	---	---	18.0	13.0	14.5	19.5	16.5	18.5
12	7.5	6.5	7.0	---	---	---	21.0	17.0	19.5	23.0	15.5	19.5
13	---	---	---	16.5	14.5	15.5	29.5	20.0	24.0	22.5	17.5	20.5
14	9.5	8.0	8.5	21.5	14.0	17.5	29.5	22.5	25.5	---	---	---
15	11.5	8.0	9.5	20.5	13.0	17.0	---	---	---	---	---	---
16	12.0	9.5	10.5	18.0	14.0	16.5	---	---	---	20.0	18.5	19.0
17	11.5	9.5	11.0	18.5	14.0	16.5	---	---	---	22.0	18.5	20.0
18	8.0	6.5	7.5	---	---	---	---	---	---	22.5	19.5	21.0
19	8.5	4.5	7.0	---	---	---	21.0	19.5	20.5	21.0	20.0	20.5
20	7.0	3.0	4.0	---	---	---	22.5	19.0	21.0	21.5	19.5	20.5
21	---	---	---	---	---	---	22.0	18.0	20.5	---	---	---
22	---	---	---	---	---	---	17.5	15.5	16.0	---	---	---
23	9.5	8.0	8.5	---	---	---	22.5	15.0	19.0	20.0	19.5	20.0
24	14.5	7.0	10.5	14.5	11.5	13.0	25.5	18.0	21.5	22.5	18.5	20.0
25	17.0	13.0	15.0	11.0	8.0	10.0	21.0	17.0	19.0	22.0	19.5	21.0
26	20.5	14.0	17.0	13.5	5.0	9.0	18.0	14.5	16.0	21.0	19.5	20.0
27	16.5	11.5	14.0	15.5	10.0	12.0	20.0	13.0	16.5	19.0	17.5	18.0
28	14.0	10.0	12.0	19.0	14.5	16.5	21.5	14.0	18.0	20.5	16.5	18.0
29	14.5	10.0	13.0	16.5	15.5	16.0	21.0	16.5	18.5	---	---	---
30	---	---	---	---	---	---	23.5	17.5	20.5	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	20.0	21.0	---	---	---	---	---	---	---	---	---
2	21.5	18.0	20.0	---	---	---	---	---	---	---	---	---
3	22.5	18.5	20.0	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	25.0	24.0	24.5	---	---	---	---	---	---	---	---	---
7	25.0	22.5	24.0	---	---	---	---	---	---	---	---	---
8	24.0	21.0	22.5	---	---	---	---	---	---	---	---	---
9	23.5	21.0	22.5	---	---	---	---	---	---	---	---	---
10	23.0	21.5	22.5	---	---	---	---	---	---	---	---	---
11	21.0	19.0	20.0	---	---	---	---	---	---	---	---	---
12	20.5	17.0	19.0	---	---	---	---	---	---	---	---	---
13	22.0	18.0	20.0	---	---	---	---	---	---	---	---	---
14	23.5	20.0	22.0	---	---	---	---	---	---	---	---	---
15	24.5	21.5	23.0	---	---	---	---	---	---	---	---	---
16	24.5	21.5	23.0	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	23.5	22.5	23.0	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	24.5	22.5	23.0	---	---	---	---	---	---	---	---	---
27	26.5	22.5	24.0	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02146800 SUGAR CREEK NEAR FORT MILL, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.7	6.8	---	---	---	---	---	---	6.8	6.6	6.7
2	6.7	6.3	6.5	---	---	---	---	---	---	6.7	6.6	6.7
3	7.0	6.3	6.6	---	---	---	---	---	---	6.8	6.6	6.7
4	6.5	6.4	6.5	6.2	5.7	6.0	---	---	---	6.7	6.6	6.7
5	6.6	6.5	6.6	5.8	5.5	5.6	---	---	---	6.8	6.5	6.7
6	6.9	6.5	6.7	6.3	5.7	6.0	---	---	---	6.8	6.6	6.7
7	7.0	6.5	6.9	6.6	6.2	6.4	---	---	---	7.0	6.7	6.8
8	7.1	6.9	7.0	6.5	6.2	6.4	---	---	---	7.1	6.9	7.0
9	7.1	6.9	7.0	6.4	6.0	6.2	6.8	6.4	6.6	---	---	---
10	6.9	6.5	6.7	6.3	5.9	6.0	7.1	6.9	7.0	---	---	---
11	7.0	6.7	6.8	6.1	5.6	5.8	---	---	---	---	---	---
12	7.1	6.7	6.9	6.4	5.8	6.0	---	---	---	6.4	6.0	6.2
13	7.0	6.8	6.9	6.6	6.2	6.4	---	---	---	7.3	5.9	6.7
14	7.0	6.3	6.7	6.8	6.5	6.7	---	---	---	7.3	6.8	7.1
15	6.8	6.5	6.6	6.8	6.4	6.6	---	---	---	7.2	6.4	7.0
16	---	---	---	---	---	---	---	---	---	6.9	6.4	6.7
17	---	---	---	---	---	---	---	---	---	6.9	6.7	6.8
18	---	---	---	6.7	6.5	6.6	---	---	---	7.0	6.8	6.9
19	---	---	---	6.6	6.4	6.5	---	---	---	7.1	6.8	7.0
20	---	---	---	---	---	---	---	---	---	7.0	6.8	6.9
21	---	---	---	---	---	---	---	---	---	7.0	6.9	6.9
22	---	---	---	---	---	---	---	---	---	7.0	7.0	7.0
23	---	---	---	6.7	6.5	6.6	---	---	---	7.1	6.9	7.0
24	---	---	---	6.5	6.2	6.3	---	---	---	7.1	6.9	7.0
25	---	---	---	6.4	6.2	6.3	---	---	---	7.3	7.0	7.1
26	---	---	---	---	---	---	---	---	---	7.3	7.1	7.2
27	---	---	---	---	---	---	---	---	---	7.3	7.1	7.2
28	---	---	---	---	---	---	---	---	---	7.2	7.0	7.1
29	---	---	---	---	---	---	6.5	6.0	6.3	7.3	7.1	7.2
30	---	---	---	---	---	---	6.5	6.2	6.3	7.3	7.2	7.2
31	---	---	---	---	---	---	6.7	6.3	6.5	7.2	7.1	7.2
MONTH	---	---	---	---	---	---	---	---	---	7.3	5.9	6.9

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	7.0	7.3	---	---	---	6.7	6.5	6.6	7.0	6.8	6.9
2	7.3	6.7	6.9	---	---	---	6.7	6.5	6.6	7.0	6.7	6.9
3	7.0	6.9	6.9	---	---	---	6.6	6.5	6.6	7.1	6.8	6.9
4	6.9	6.7	6.8	---	---	---	6.8	6.6	6.7	6.9	6.6	6.7
5	7.0	6.5	6.7	---	---	---	6.9	6.6	6.8	6.9	6.7	6.8
6	6.9	6.5	6.8	7.2	7.1	7.1	6.9	6.6	6.8	---	---	---
7	6.9	6.2	6.4	7.1	7.0	7.1	6.9	6.7	6.8	---	---	---
8	7.0	6.7	6.9	7.2	7.0	7.1	7.0	6.8	6.9	6.9	6.8	6.8
9	7.2	6.6	6.9	7.3	7.1	7.2	7.0	6.8	6.9	6.8	6.5	6.7
10	7.3	7.1	7.2	---	---	---	7.0	6.9	7.0	6.8	6.5	6.7
11	7.3	7.1	7.2	---	---	---	7.1	6.9	7.0	6.8	6.5	6.7
12	7.3	7.2	7.2	---	---	---	7.0	6.8	6.9	6.8	6.6	6.7
13	7.1	6.7	6.9	7.0	6.8	6.9	6.8	6.5	6.6	6.8	6.7	6.8
14	7.2	6.6	7.0	7.1	6.9	7.0	6.9	6.5	6.7	---	---	---
15	7.1	6.7	6.9	7.2	6.9	7.1	---	---	---	---	---	---
16	7.0	6.9	7.0	7.1	7.0	7.0	---	---	---	6.6	6.4	6.5
17	7.1	7.0	7.0	7.1	6.8	6.9	---	---	---	6.7	6.5	6.6
18	7.0	6.6	6.9	---	---	---	---	---	---	6.8	6.6	6.7
19	6.8	6.2	6.4	---	---	---	6.8	6.6	6.7	6.8	6.7	6.8
20	6.8	6.2	6.5	---	---	---	6.8	6.7	6.7	6.8	6.5	6.7
21	7.1	6.3	6.7	---	---	---	7.1	6.8	6.9	---	---	---
22	7.0	6.8	6.9	---	---	---	7.0	6.9	7.0	---	---	---
23	6.8	6.6	6.7	---	---	---	7.0	6.6	6.8	6.5	6.4	6.4
24	7.1	6.8	6.9	6.7	6.6	6.6	6.9	6.5	6.7	6.6	6.4	6.5
25	7.0	6.9	6.9	6.8	6.7	6.8	7.1	6.8	6.9	6.6	6.5	6.6
26	7.0	6.8	6.9	6.8	6.7	6.8	7.1	6.9	7.0	6.7	6.6	6.7
27	7.1	6.8	6.9	6.8	6.7	6.7	7.2	6.9	7.0	6.7	6.6	6.7
28	7.0	6.9	7.0	6.8	6.7	6.7	7.1	6.8	7.0	6.7	6.5	6.6
29	7.0	6.7	6.9	6.8	6.8	6.8	7.0	6.8	6.9	---	---	---
30	---	---	---	6.8	6.5	6.6	7.0	6.8	6.9	---	---	---
31	---	---	---	6.8	6.6	6.7	---	---	---	---	---	---
MONTH	7.3	6.2	6.9	---	---	---	7.2	6.5	6.8	---	---	---

SANTEE RIVER BASIN

02146800 SUGAR CREEK NEAR FORT MILL, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.7	6.8	---	---	---	---	---	---	---	---	---
2	6.9	6.6	6.7	---	---	---	---	---	---	---	---	---
3	6.8	6.6	6.8	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
7	7.3	7.0	7.1	---	---	---	---	---	---	---	---	---
8	7.2	6.9	7.0	---	---	---	---	---	---	---	---	---
9	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
10	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
11	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
12	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
13	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
14	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
15	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
16	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	7.0	6.4	6.7	---	---	---	---	---	---	---	---	---
21	7.2	6.4	7.0	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	7.0	7.0	7.0	---	---	---	---	---	---	-	---	---
27	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---		---	---
31	---	---	---	---	---	---	---	---	---		---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02147000 CATAWBA RIVER NEAR CATAWBA, S.C.

LOCATION.--Lat 34°51'00", long 80°52'06", York County, at bridge on State Highway 5, 200 ft upstream from Twelvemile Creek, 0.1 mile upstream from gaging station and Seaboard Coast Line Railroad bridge, 2.4 miles east of Catawba, and at mile 122.8.

DRAINAGE AREA.--3,530 sq mi, approximately (at gaging station).

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.							
19...	1030	14.5	1300	110	7.0	8.4	270
JAN.							
18...	1150	9.0	11700	91	7.1	10.6	540
MAR.							
30...	1015	13.5	2560	145	7.4	8.2	5700
JUNE							
15...	0935	22.5	2480	110	6.8	6.7	170
JULY							
14...	1050	26.0	1970	80	7.2	7.0	380
AUG.							
25...	0900	26.5	1660	90	6.7	5.8	1000
SEP.							
26...	0940	25.0	1400	110	6.8	6.6	150

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.

LOCATION.--Lat 34 50'10", long 80 52'50", York County, 1.6 miles downstream from bridge on State Highway 5, 2.3 miles southeast of Catawba, and 6.2 miles upstream from Southern Railway bridge.

PERIOD OF RECORD.--Chemical analyses: October 1970 to June 1972 (discontinued).
Water temperatures: October 1970 to June 1972 (discontinued).

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	140	112	120	147	95	125	---	---	---	159	80	100
2	---	---	---	107	93	97	---	---	---	100	75	84
3	---	---	---	103	91	96	---	---	---	101	75	83
4	156	110	133	102	89	94	---	---	---	100	75	82
5	135	106	114	102	80	91	---	---	---	136	81	92
6	---	---	---	108	88	92	---	---	---	106	75	83
7	---	---	---	109	80	94	---	---	---	118	75	85
8	---	---	---	104	79	87	---	---	---	100	75	82
9	---	---	---	106	79	88	---	---	---	112	75	86
10	---	---	---	100	80	89	---	---	---	144	75	110
11	---	---	---	116	89	96	---	---	---	82	75	77
12	---	---	---	131	88	105	---	---	---	134	81	101
13	---	---	---	146	93	118	---	---	---	126	100	108
14	---	---	---	138	92	113	---	---	---	110	95	101
15	162	121	137	138	94	120	123	99	108	119	102	107
16	123	79	104	135	95	107	125	99	105	109	86	93
17	105	81	97	131	92	101	123	91	102	95	84	89
18	107	98	105	127	91	100	120	81	98	100	87	94
19	101	93	97	132	96	104	106	76	91	102	93	97
20	96	90	94	137	97	109	122	81	102	107	95	100
21	109	91	96	138	105	118	94	80	88	114	98	102
22	110	89	95	148	96	116	91	76	83	117	95	103
23	136	89	101	120	97	103	88	75	82	125	96	107
24	110	79	93	122	100	103	129	74	90	136	96	116
25	92	82	87	---	---	---	---	---	---	119	94	100
26	108	86	94	---	---	---	---	---	---	116	93	97
27	98	84	90	---	---	---	155	81	105	124	92	99
28	145	84	96	---	---	---	113	80	88	119	95	100
29	129	89	102	---	---	---	116	78	86	121	92	101
30	145	100	116	---	---	---	121	81	86	125	91	103
31	127	107	117	---	---	---	119	81	97	128	90	112
MONTH	---	---	---	148	79	103	---	---	---	159	75	97

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	101	84	90	121	96	101	148	125	137	---	---	---
2	111	81	87	138	98	106	185	146	170	144	118	131
3	100	88	93	124	95	102	---	---	---	294	125	214
4	111	88	94	118	93	99	---	---	---	---	---	---
5	120	86	101	126	95	106	129	84	106	---	---	---
6	91	84	88	136	95	118	115	85	101	---	---	---
7	92	89	91	103	87	93	305	90	156	176	144	166
8	94	84	88	136	97	109	429	205	275	180	107	149
9	105	88	93	112	93	98	500	271	---	118	98	111
10	114	89	96	116	96	100	500	99	---	---	---	---
11	124	92	99	130	96	104	186	104	128	---	---	---
12	116	92	98	122	97	110	500	109	---	---	---	---
13	139	93	104	159	101	130	500	338	---	---	---	---
14	126	95	103	127	100	108	500	500	---	---	---	---
15	112	94	100	153	100	113	500	134	---	---	---	---
16	130	96	103	129	99	105	143	113	121	---	---	---
17	121	96	102	143	98	107	364	100	140	---	---	---
18	121	92	100	136	99	113	484	101	182	---	---	---
19	116	87	98	117	100	108	424	200	306	---	---	---
20	112	87	96	152	98	125	500	418	---	---	---	---
21	105	88	94	134	98	105	500	500	---	---	---	---
22	111	91	97	253	85	117	500	113	---	---	---	---
23	116	90	95	430	75	186	500	97	---	---	---	---
24	102	91	96	166	61	105	209	105	101	---	---	---
25	119	95	101	410	124	264	148	116	125	---	---	---
26	137	96	106	422	85	287	145	122	131	---	---	---
27	133	100	116	391	101	256	143	107	126	---	---	---
28	139	95	118	128	106	111	154	92	123	113	82	98
29	117	96	101	119	108	113	---	---	---	---	---	---
30	---	---	---	130	120	124	---	---	---	---	---	---
31	---	---	---	155	119	127	---	---	---	---	---	---
MONTH	139	81	98	430	61	127	500	84	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	146	117	134	---	---	---	---	---	---	---	---	---
5	134	81	117	---	---	---	---	---	---	---	---	---
6	98	81	87	---	---	---	---	---	---	---	---	---
7	120	68	96	---	---	---	---	---	---	---	---	---
8	109	67	83	---	---	---	---	---	---	---	---	---
9	158	70	95	---	---	---	---	---	---	---	---	---
10	287	68	183	---	---	---	---	---	---	---	---	---
11	198	78	116	---	---	---	---	---	---	---	---	---
12	128	67	108	---	---	---	---	---	---	---	---	---
13	96	68	79	---	---	---	---	---	---	---	---	---
14	95	68	75	---	---	---	---	---	---	---	---	---
15	123	68	79	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	93	70	81	---	---	---	---	---	---	---	---	---
21	80	66	71	---	---	---	---	---	---	---	---	---
22	71	62	68	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5.9	5.2	5.5	5.7	3.2	4.0	---	---	---	10.3	8.4	9.5
2	---	---	---	8.1	3.7	5.7	9.9	9.3	9.7	10.2	9.5	9.6
3	---	---	---	8.5	5.1	6.0	9.6	8.9	9.4	9.9	9.5	9.7
4	6.1	4.1	5.3	7.3	6.7	7.0	9.9	9.2	9.6	9.7	9.3	9.5
5	5.4	3.9	4.8	7.7	7.0	7.5	---	---	---	9.5	8.4	8.9
6	---	---	---	8.1	7.7	7.9	---	---	---	8.7	8.5	8.6
7	---	---	---	8.4	7.8	8.1	---	---	---	9.2	8.7	8.9
8	---	---	---	8.9	6.2	8.3	9.9	9.0	9.5	10.4	8.9	9.4
9	---	---	---	8.6	7.6	8.1	9.4	8.8	9.1	9.9	9.4	9.6
10	---	---	---	8.4	7.7	8.1	9.2	8.6	8.8	10.0	8.4	9.0
11	---	---	---	8.5	8.2	8.3	9.1	8.5	8.8	8.5	7.9	8.1
12	---	---	---	8.2	7.9	8.1	8.7	7.4	8.1	8.1	7.4	7.8
13	---	---	---	8.2	7.2	7.7	9.8	8.1	9.1	8.0	7.6	7.9
14	---	---	---	7.6	6.8	7.3	10.0	8.5	9.3	8.1	7.8	8.0
15	6.7	6.0	6.3	7.6	6.5	7.4	9.3	8.6	9.0	8.4	8.1	8.2
16	6.7	5.8	6.3	---	---	---	9.0	8.6	8.9	8.6	8.3	8.5
17	6.4	5.4	6.1	---	---	---	9.1	8.5	8.8	9.1	8.6	8.8
18	6.2	4.4	5.6	8.9	8.3	8.7	9.7	9.1	9.3	9.3	8.8	9.1
19	6.4	4.5	5.8	9.0	8.0	8.7	9.8	9.3	9.5	9.6	8.9	9.2
20	6.4	5.6	6.0	8.6	6.7	7.9	9.3	8.4	8.8	9.2	8.6	8.9
21	6.4	3.9	5.4	9.3	5.2	7.6	8.7	8.5	8.6	8.9	8.4	8.7
22	7.1	4.0	5.7	9.6	9.1	9.3	9.0	8.7	8.9	8.9	8.4	8.6
23	7.0	4.9	6.2	9.3	8.8	9.1	9.1	9.0	9.0	9.0	8.7	8.9
24	7.6	4.9	5.8	8.9	7.3	8.5	---	---	---	9.2	8.8	9.0
25	7.7	4.7	6.1	---	---	---	---	---	---	9.4	8.6	9.0
26	8.2	4.9	6.4	---	---	---	---	---	---	8.6	8.4	8.5
27	8.4	5.9	7.0	---	---	---	10.1	8.6	9.1	9.1	8.5	8.8
28	7.9	6.8	7.3	---	---	---	10.0	8.8	9.2	9.2	8.9	9.0
29	7.3	5.9	6.7	---	---	---	9.7	9.0	9.3	9.5	8.6	9.1
30	5.9	4.7	5.5	---	---	---	9.5	8.9	9.2	9.3	8.5	8.8
31	6.4	3.4	5.3	---	---	---	10.0	8.8	9.1	9.0	8.4	8.8
MONTH	---	---	---	---	---	---	---	---	---	10.4	7.4	8.9

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.5	8.8	10.7	9.5	9.9	7.4	6.8	7.1	8.3	5.9	7.0
2	9.6	9.1	9.3	10.6	9.0	9.9	7.2	6.2	6.6	9.0	7.1	7.8
3	9.6	9.0	9.3	10.5	9.6	10.0	---	---	---	8.1	6.7	7.2
4	9.3	8.7	8.9	10.7	10.1	10.4	---	---	---	7.9	6.3	7.1
5	9.4	8.6	9.0	11.0	9.8	10.5	9.8	8.9	9.3	8.1	6.8	7.6
6	9.5	9.0	9.2	10.7	9.4	10.1	9.6	8.4	8.9	8.1	6.7	7.4
7	9.6	9.1	9.4	11.0	10.2	10.5	8.9	7.3	8.2	7.8	5.7	6.5
8	10.2	8.7	9.6	11.1	9.6	10.0	8.7	7.2	8.2	6.8	5.6	6.5
9	8.9	8.6	8.7	10.9	10.0	10.4	9.1	8.1	8.5	7.1	6.3	6.8
10	9.3	8.8	9.0	10.7	9.8	10.3	9.4	8.0	8.6	8.0	7.0	7.4
11	9.9	9.5	9.7	11.0	9.5	10.1	8.9	7.9	8.4	7.9	7.2	7.6
12	10.2	9.8	10.0	11.1	9.5	10.1	8.0	7.2	7.5	7.6	6.7	7.2
13	10.6	9.7	10.1	10.9	8.3	9.7	8.0	7.0	7.4	7.5	6.2	6.9
14	10.0	9.7	9.8	10.3	8.5	9.0	---	---	---	6.9	5.6	6.5
15	10.3	9.7	10.0	10.1	8.2	9.0	---	---	---	6.4	5.8	6.2
16	10.1	9.6	10.0	9.7	8.6	9.0	---	---	---	6.5	5.8	6.1
17	10.4	10.0	10.3	9.0	7.6	8.6	8.9	5.9	7.6	6.9	6.2	6.5
18	10.4	10.0	10.2	9.2	8.3	8.8	9.5	7.7	8.2	7.0	6.6	6.8
19	10.6	10.2	10.4	10.4	8.8	9.4	8.7	7.5	7.9	7.0	6.7	6.9
20	10.9	10.3	10.6	10.7	8.4	9.4	8.3	7.0	7.5	6.9	6.5	6.8
21	11.1	10.6	10.9	10.5	9.0	9.5	7.5	6.6	6.9	6.9	5.9	6.5
22	11.0	10.5	10.8	9.5	7.7	8.8	7.2	6.4	6.7	6.8	6.5	6.6
23	10.9	9.5	10.3	9.4	8.3	9.0	7.0	5.6	6.2	6.6	6.0	6.5
24	9.9	9.5	9.7	10.0	9.1	9.6	7.8	5.8	6.6	6.5	6.0	6.2
25	9.8	9.5	9.6	9.8	8.7	9.2	8.9	7.5	8.1	6.2	5.9	6.1
26	9.9	9.5	9.7	10.6	8.9	9.6	8.8	7.4	8.0	6.2	5.1	5.8
27	10.2	9.5	9.9	10.0	8.7	9.3	8.8	7.0	8.0	6.4	4.5	5.9
28	10.5	9.2	9.9	10.1	8.6	9.6	8.9	7.2	7.9	5.7	4.4	5.2
29	10.3	9.6	10.0	9.1	8.5	8.8	8.9	6.6	7.8	6.2	4.5	5.4
30	---	---	---	8.3	7.3	7.9	8.4	6.3	7.0	6.8	4.9	5.9
31	---	---	---	8.1	7.3	7.7	---	---	---	7.4	5.2	6.2
MONTH	11.1	8.5	9.8	11.1	7.3	9.5	9.8	5.6	7.7	9.0	4.4	6.6

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	8.2	6.7	7.1	---	---	---	---	---	---	---	---	---
8	8.3	6.2	7.0	---	---	---	---	---	---	---	---	---
9	7.9	5.9	6.5	---	---	---	---	---	---	---	---	---
10	8.3	5.2	5.9	---	---	---	---	---	---	---	---	---
11	8.2	5.9	6.1	---	---	---	---	---	---	---	---	---
12	8.1	6.0	7.2	---	---	---	---	---	---	---	---	---
13	7.8	6.6	6.8	---	---	---	---	---	---	---	---	---
14	7.8	6.3	6.6	---	---	---	---	---	---	---	---	---
15	7.8	5.5	6.3	---	---	---	---	---	---	---	---	---
16	7.2	5.1	5.6	---	---	---	---	---	---	---	---	---
17	7.4	5.0	5.7	---	---	---	---	---	---	---	---	---
18	6.8	4.6	5.4	---	---	---	---	---	---	---	---	---
19	6.7	3.6	4.8	---	---	---	---	---	---	---	---	---
20	5.7	4.0	4.8	---	---	---	---	---	---	---	---	---
21	5.8	4.6	5.1	---	---	---	---	---	---	---	---	---
22	5.9	4.7	5.5	---	---	---	---	---	---	---	---	---
23	6.1	4.4	5.2	---	---	---	---	---	---	---	---	---
24	5.8	4.2	4.7	---	---	---	---	---	---	---	---	---
25	5.0	4.0	4.3	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.5	24.5	25.5	26.5	22.0	24.0	---	---	---	11.5	8.0	9.5
2	---	---	---	26.5	22.5	24.0	12.5	10.0	10.5	11.5	8.5	10.0
3	---	---	---	26.0	18.0	22.5	12.0	8.0	9.5	13.0	7.5	10.0
4	29.0	24.5	26.5	21.0	16.0	18.0	10.0	8.5	9.0	11.5	10.0	10.0
5	30.0	24.5	27.0	20.5	16.5	18.5	---	---	---	15.5	10.0	13.5
6	---	---	---	22.0	17.5	19.5	---	---	---	15.0	13.0	14.0
7	---	---	---	20.5	15.5	18.5	---	---	---	16.0	12.0	14.0
8	---	---	---	16.5	13.0	15.0	13.5	10.0	12.0	14.5	10.5	12.5
9	---	---	---	15.5	12.0	14.5	12.5	10.0	11.0	14.0	11.0	12.5
10	---	---	---	18.5	14.5	16.5	14.0	10.0	12.0	15.5	13.5	14.5
11	---	---	---	19.5	14.0	16.5	17.0	13.0	14.5	15.0	14.0	14.5
12	---	---	---	20.0	14.5	17.0	16.0	13.0	14.5	16.0	13.5	14.0
13	---	---	---	21.0	14.5	17.5	16.0	10.0	13.5	16.5	14.0	15.5
14	---	---	---	18.0	15.0	16.0	14.5	8.5	11.5	14.5	11.0	13.5
15	26.5	23.5	25.5	20.5	15.5	17.5	14.5	13.0	13.5	11.0	7.0	9.5
16	24.0	21.0	22.5	23.5	15.0	18.5	16.0	13.5	14.0	6.5	3.0	5.5
17	25.0	21.0	22.5	21.5	15.0	17.5	14.0	11.0	13.0	8.5	4.0	6.0
18	23.5	19.5	22.0	18.0	13.5	16.0	11.5	7.0	10.0	11.5	4.5	7.5
19	23.0	19.0	21.0	19.0	15.0	17.0	11.0	7.5	9.5	12.0	6.0	9.0
20	23.5	21.5	22.5	19.5	15.0	17.5	13.5	10.5	12.5	12.5	9.0	10.5
21	22.0	21.0	21.5	18.5	11.5	15.0	15.0	12.5	14.0	12.0	10.5	11.0
22	23.0	21.5	22.5	15.0	10.0	12.5	13.5	11.0	12.5	11.0	10.5	11.0
23	23.5	22.0	22.5	14.0	11.0	12.5	13.0	9.5	11.0	12.0	10.0	11.0
24	26.5	20.0	23.0	13.5	11.0	12.0	---	---	---	13.5	11.0	11.5
25	22.0	19.5	20.5	---	---	---	---	---	---	13.0	9.5	11.5
26	26.0	19.0	22.0	---	---	---	---	---	---	12.5	7.5	10.0
27	23.5	18.5	20.5	---	---	---	15.0	11.0	12.5	13.5	8.5	11.5
28	25.0	19.0	21.5	---	---	---	16.0	10.5	13.5	15.0	12.0	13.5
29	22.0	19.5	20.5	---	---	---	16.0	10.0	13.0	12.5	10.5	11.5
30	23.5	21.0	22.0	---	---	---	17.0	10.0	14.0	11.0	10.0	10.5
31	26.5	23.0	24.5	---	---	---	16.0	11.0	14.0	12.0	8.5	10.5
MONTH	---	---	---	26.5	10.0	17.0	---	---	---	16.5	3.0	11.5

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	7.5	8.5	14.0	10.0	12.0	16.5	11.5	14.5	25.0	18.5	22.0
2	10.0	8.0	8.5	16.5	9.0	12.5	18.5	9.5	14.0	24.0	18.5	21.5
3	10.0	8.5	9.0	15.5	8.0	11.0	---	---	---	23.0	20.0	21.5
4	---	---	---	9.5	6.5	8.0	---	---	---	23.5	16.5	20.5
5	---	---	---	13.5	8.0	10.0	19.0	13.5	16.5	24.0	16.5	20.0
6	---	---	---	13.0	5.5	9.5	21.5	12.0	17.0	24.0	17.5	20.5
7	---	---	---	15.5	7.5	11.0	23.5	16.0	20.0	25.0	19.5	22.0
8	11.0	8.5	10.0	16.5	11.5	13.5	18.5	10.5	15.5	22.0	19.0	20.5
9	11.0	7.5	9.0	13.5	7.5	10.5	16.5	8.5	12.5	24.0	18.5	21.0
10	11.5	7.0	9.5	14.5	6.5	10.5	18.5	10.0	14.5	23.0	17.5	20.5
11	13.0	8.0	10.0	15.0	6.0	10.0	18.5	13.5	16.0	23.0	16.5	20.0
12	10.0	8.5	9.0	---	---	---	22.5	17.5	19.5	24.0	16.5	20.5
13	11.5	9.0	10.0	16.5	10.5	11.0	26.5	17.0	22.5	21.0	17.5	19.5
14	---	---	---	18.0	11.5	14.5	---	---	---	23.0	17.5	20.0
15	10.5	9.0	10.0	17.0	9.5	13.0	---	---	---	23.0	18.5	20.5
16	9.5	7.5	8.5	16.0	10.5	13.0	---	---	---	24.5	18.0	21.5
17	8.5	7.5	8.0	15.5	9.5	12.0	24.0	15.5	20.0	24.5	18.0	21.5
18	8.0	6.5	7.5	14.5	6.5	10.5	22.0	13.5	18.0	25.0	19.5	22.5
19	7.5	5.5	6.5	17.0	8.0	12.0	21.5	14.0	17.5	22.5	20.0	21.0
20	8.5	4.5	6.5	18.5	9.0	13.5	23.5	16.0	19.0	24.0	20.0	21.5
21	10.5	5.5	8.5	16.0	9.5	11.5	18.5	13.5	16.0	23.0	20.0	21.5
22	---	---	---	19.0	12.5	15.5	15.0	12.5	13.5	23.0	21.0	21.5
23	10.0	7.5	8.5	17.5	10.0	13.5	21.5	14.0	17.5	23.0	20.5	22.0
24	---	---	---	15.0	9.0	12.0	24.5	16.5	19.5	26.0	19.5	23.0
25	---	---	---	10.5	6.5	9.0	14.5	15.0	16.5	26.0	19.5	22.0
26	---	---	---	15.0	8.0	11.5	19.5	12.5	16.5	23.5	18.0	21.0
27	---	---	---	15.0	10.5	12.5	22.0	12.5	17.5	20.5	17.0	19.0
28	---	---	---	17.0	12.5	15.0	23.0	14.5	19.0	22.5	17.0	19.5
29	---	---	---	15.0	13.0	14.5	23.0	16.5	19.5	25.0	18.5	20.5
30	---	---	---	18.0	12.5	15.0	25.0	17.5	21.0	26.5	18.5	21.0
31	---	---	---	12.0	11.5	12.0	---	---	---	24.0	17.0	20.5
MONTH	---	---	---	19.0	5.5	12.0	26.5	8.5	17.5	26.5	16.5	21.0

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	18.5	21.5	---	---	---	---	---	---	---	---	---
2	25.5	18.5	22.0	---	---	---	---	---	---	---	---	---
3	26.5	19.5	23.0	---	---	---	---	---	---	---	---	---
4	27.5	22.0	25.0	---	---	---	---	---	---	---	---	---
5	31.0	22.5	26.0	---	---	---	---	---	---	---	---	---
6	29.5	20.0	24.0	---	---	---	---	---	---	---	---	---
7	27.5	20.5	23.5	---	---	---	---	---	---	---	---	---
8	26.5	21.5	24.5	---	---	---	---	---	---	---	---	---
9	27.0	22.5	24.5	---	---	---	---	---	---	---	---	---
10	25.5	22.5	24.0	---	---	---	---	---	---	---	---	---
11	23.5	19.5	22.0	---	---	---	---	---	---	---	---	---
12	25.5	20.0	23.0	---	---	---	---	---	---	---	---	---
13	26.5	21.0	24.0	---	---	---	---	---	---	---	---	---
14	28.0	22.5	25.0	---	---	---	---	---	---	---	---	---
15	26.0	22.5	25.0	---	---	---	---	---	---	---	---	---
16	29.0	22.5	25.5	---	---	---	---	---	---	---	---	---
17	26.5	24.5	26.5	---	---	---	---	---	---	---	---	---
18	28.5	25.5	27.0	---	---	---	---	---	---	---	---	---
19	27.5	23.5	26.0	---	---	---	---	---	---	---	---	---
20	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
21	27.0	23.5	25.0	---	---	---	---	---	---	---	---	---
22	28.0	23.5	25.5	---	---	---	---	---	---	---	---	---
23	27.5	23.0	25.5	---	---	---	---	---	---	---	---	---
24	28.0	23.0	25.5	---	---	---	---	---	---	---	---	---
25	29.0	22.5	26.0	---	---	---	---	---	---	---	---	---
26	29.0	24.0	26.5	---	---	---	---	---	---	---	---	---
27	29.0	23.5	26.5	---	---	---	---	---	---	---	---	---
28	27.0	24.5	25.5	---	---	---	---	---	---	---	---	---
29	28.5	24.5	26.0	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	31.0	18.5	24.5	---	---	---	---	---	---	---	---	---

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	7.6	6.1	6.7	7.5	6.3	6.9	---	---	---	---	---	---
5	6.5	5.7	6.3	7.3	6.2	6.8	---	---	---	---	---	---
6	---	---	---	7.3	6.6	7.1	---	---	---	---	---	---
7	---	---	---	7.3	6.4	7.1	---	---	---	---	---	---
8	---	---	---	7.5	6.7	7.2	---	---	---	---	---	---
9	---	---	---	7.5	7.0	7.3	---	---	---	---	---	---
10	---	---	---	7.5	6.6	7.3	---	---	---	---	---	---
11	---	---	---	7.4	6.4	7.0	---	---	---	---	---	---
12	---	---	---	7.4	6.3	6.9	---	---	---	---	---	---
13	---	---	---	7.6	6.0	7.1	---	---	---	---	---	---
14	---	---	---	7.5	6.6	7.0	---	---	---	---	---	---
15	7.7	6.5	7.1	7.4	6.1	7.0	7.1	6.7	6.7	---	---	---
16	8.3	7.2	7.8	---	---	---	6.7	6.7	6.7	---	---	---
17	8.0	6.5	7.2	---	---	---	7.1	6.7	6.8	---	---	---
18	7.1	6.2	6.8	---	---	---	6.8	6.4	6.6	---	---	---
19	7.1	6.2	6.8	---	---	---	6.6	6.6	6.6	---	---	---
20	7.4	6.5	7.1	---	---	---	6.7	6.6	6.7	---	---	---
21	8.2	6.9	7.5	---	---	---	7.4	6.7	7.0	---	---	---
22	8.6	7.4	8.1	---	---	---	6.9	6.1	6.6	---	---	---
23	8.5	6.7	7.9	7.1	6.3	6.7	7.0	6.3	6.7	---	---	---
24	8.0	5.7	7.2	7.2	6.6	7.0	---	---	---	---	---	---
25	7.5	6.3	7.1	---	---	---	---	---	---	---	---	---
26	7.4	6.0	7.0	---	---	---	---	---	---	---	---	---
27	7.3	6.2	6.9	---	---	---	---	---	---	---	---	---
28	7.5	6.0	7.0	---	---	---	---	---	---	---	---	---
29	7.8	6.4	7.0	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	7.3	7.1	7.2
22	---	---	---	---	---	---	---	---	---	7.2	6.9	7.1
23	---	---	---	---	---	---	---	---	---	7.3	7.0	7.1
24	---	---	---	---	---	---	---	---	---	7.4	6.4	7.0
25	---	---	---	---	---	---	---	---	---	7.3	6.7	7.0
26	---	---	---	---	---	---	---	---	---	6.8	6.3	6.6
27	---	---	---	---	---	---	---	---	---	6.8	6.5	6.6
28	---	---	---	---	---	---	---	---	---	7.3	6.5	6.8
29	---	---	---	---	---	---	---	---	---	7.3	6.9	7.1
30	---	---	---	---	---	---	---	---	---	7.3	6.5	7.0
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02147020 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	7.7	7.3	7.5	---	---	---	---	---	---	---	---	---
15	7.6	7.1	7.4	---	---	---	---	---	---	---	---	---
16	7.5	6.8	7.4	---	---	---	---	---	---	---	---	---
17	7.6	6.9	7.3	---	---	---	---	---	---	---	---	---
18	7.4	7.0	7.3	---	---	---	---	---	---	---	---	---
19	7.5	6.9	7.3	---	---	---	---	---	---	---	---	---
20	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
21	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
22	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
23	7.1	6.7	7.0	---	---	---	---	---	---	---	---	---
24	7.2	6.9	7.0	---	---	---	---	---	---	---	---	---
25	7.3	7.0	7.1	---	---	---	---	---	---	---	---	---
26	7.2	6.8	7.1	---	---	---	---	---	---	---	---	---
27	7.2	6.8	7.1	---	---	---	---	---	---	---	---	---
28	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
29	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
30	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.

LOCATION.--Lat 34 42'22", long 80 51'34", Chester County, on left bank at downstream side of Lancaster and Chester Railroad bridge, 0.8 mile upstream from Cane Creek, and 1.7 miles east of Fort Lawn.

PERIOD OF RECORD.--Chemical analyses: October 1970 to June 1972 (discontinued).
Water temperatures: October 1970 to June 1972 (discontinued).

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	162	118	141	145	130	137	144	101	123	---	---	---
2	120	94	110	---	---	---	143	106	129	---	---	---
3	97	79	88	---	---	---	138	100	131	---	---	---
4	134	93	104	100	89	94	142	105	118	141	104	123
5	130	103	116	113	82	97	---	---	---	168	98	121
6	144	94	114	126	99	111	147	90	127	161	98	128
7	151	96	109	136	97	108	126	103	110	145	107	125
8	141	116	130	138	92	103	152	97	117	149	102	127
9	142	93	120	105	90	96	102	93	97	145	118	130
10	116	94	107	100	92	97	106	92	97	123	95	112
11	97	85	91	124	98	103	109	92	99	---	---	---
12	115	90	98	133	96	103	100	93	97	---	---	---
13	148	104	131	156	134	141	129	96	110	---	---	---
14	152	110	130	160	126	135	127	91	99	---	---	---
15	154	114	130	165	128	139	112	94	99	---	---	---
16	---	---	---	140	99	113	129	91	99	---	---	---
17	---	---	---	143	99	117	131	91	99	---	---	---
18	---	---	---	137	99	110	---	---	---	---	---	---
19	---	---	---	136	100	111	---	---	---	106	102	104
20	---	---	---	122	101	103	149	119	134	121	103	109
21	127	98	108	163	121	144	124	110	117	121	114	116
22	132	94	103	172	123	143	116	109	112	146	117	127
23	158	94	114	133	99	107	124	110	115	129	119	121
24	141	94	106	139	97	108	117	101	109	168	125	139
25	108	94	98	135	105	117	---	---	---	138	109	119
26	117	91	100	134	95	105	---	---	---	136	111	121
27	111	101	106	148	97	126	---	---	---	134	105	113
28	108	100	104	148	95	123	---	---	---	134	103	110
29	109	96	104	145	121	137	---	---	---	144	102	111
30	120	94	105	137	103	114	---	---	---	149	113	119
31	158	99	130	---	---	---	---	---	---	152	115	127
MONTH	162	79	111	172	82	116	---	---	---	---	---	---

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	145	113	126	---	---	---	127	119	122	179	160	167
2	122	99	106	---	---	---	---	---	---	188	168	182
3	119	83	98	---	---	---	---	---	---	---	---	---
4	101	85	95	---	---	---	---	---	---	---	---	---
5	141	96	106	---	---	---	---	---	---	---	---	---
6	134	106	114	---	---	---	---	---	---	---	---	---
7	106	98	103	---	---	---	---	---	---	---	---	---
8	108	102	106	---	---	---	---	---	---	150	129	134
9	115	108	111	---	---	---	---	---	---	---	---	---
10	129	104	115	---	---	---	---	---	---	---	---	---
11	132	104	113	---	---	---	---	---	---	---	---	---
12	136	111	117	---	---	---	---	---	---	---	---	---
13	130	105	111	---	---	---	125	118	121	---	---	---
14	139	103	120	---	---	---	169	125	138	---	---	---
15	128	105	113	---	---	---	161	123	142	---	---	---
16	136	107	112	---	---	---	174	131	158	---	---	---
17	136	107	114	---	---	---	160	131	139	120	109	113
18	139	112	119	---	---	---	126	119	124	110	106	108
19	141	115	122	---	---	---	142	102	118	108	104	106
20	129	106	115	---	---	---	149	122	131	112	102	105
21	127	108	118	---	---	---	143	122	131	106	95	99
22	118	96	107	---	---	---	148	132	140	96	92	94
23	132	107	113	---	---	---	132	124	127	103	93	97
24	114	105	112	---	---	---	181	129	142	94	87	92
25	125	104	110	---	---	---	168	124	136	95	80	87
26	110	104	107	---	---	---	155	124	142	84	81	83
27	---	---	---	162	126	138	164	148	154	84	81	82
28	---	---	---	154	120	126	164	146	157	84	81	82
29	---	---	---	144	108	123	175	154	166	91	82	83
30	---	---	---	114	102	108	170	141	151	---	---	---
31	---	---	---	156	117	139	---	---	---	---	---	---
MONTH	145	83	112	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	112	88	97	---	---	---	---	---	---	---	---	---
2	122	102	110	---	---	---	---	---	---	---	---	---
3	122	104	111	---	---	---	---	---	---	---	---	---
4	110	105	108	---	---	---	---	---	---	---	---	---
5	158	108	120	---	---	---	---	---	---	---	---	---
6	127	98	106	---	---	---	---	---	---	---	---	---
7	125	101	109	---	---	---	---	---	---	---	---	---
8	140	111	118	---	---	---	---	---	---	---	---	---
9	146	121	132	---	---	---	---	---	---	---	---	---
10	126	107	116	---	---	---	---	---	---	---	---	---
11	133	113	118	---	---	---	---	---	---	---	---	---
12	163	126	144	---	---	---	---	---	---	---	---	---
13	165	113	140	---	---	---	---	---	---	---	---	---
14	139	111	120	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.1	6.5	7.2	6.9	7.1	10.5	8.9	9.4	---	---	---
2	---	---	---	---	---	---	10.4	9.2	9.5	---	---	---
3	---	---	---	---	---	---	10.2	9.5	9.7	---	---	---
4	---	---	---	8.0	7.3	7.7	11.2	10.0	10.2	---	---	---
5	6.5	6.1	6.3	8.6	7.9	8.2	---	---	---	---	---	---
6	6.2	5.9	6.0	8.3	7.9	8.1	11.2	10.3	10.5	---	---	---
7	6.9	5.6	6.4	8.4	7.9	8.1	10.6	9.6	10.0	---	---	---
8	6.7	6.5	6.6	8.9	8.1	8.4	10.1	9.2	9.9	---	---	---
9	---	---	---	9.0	8.3	8.5	10.3	9.9	10.1	---	---	---
10	---	---	---	8.6	8.1	8.3	10.3	9.6	10.0	---	---	---
11	---	---	---	8.7	8.1	8.4	9.7	8.9	9.3	---	---	---
12	---	---	---	8.8	8.2	8.5	9.4	8.6	9.0	---	---	---
13	---	---	---	8.7	7.8	8.3	9.3	8.3	8.7	---	---	---
14	---	---	---	8.3	7.9	8.1	9.9	8.9	9.2	---	---	---
15	---	---	---	9.0	8.1	8.5	9.3	7.6	8.8	---	---	---
16	---	---	---	9.0	8.0	8.4	9.2	8.0	8.6	---	---	---
17	---	---	---	8.7	8.0	8.2	8.6	7.9	8.4	---	---	---
18	---	---	---	9.5	8.4	8.6	---	---	---	---	---	---
19	---	---	---	9.2	8.2	8.6	---	---	---	10.0	9.3	9.7
20	---	---	---	9.3	8.1	8.5	9.4	8.7	9.0	9.7	9.1	9.4
21	7.3	6.9	7.1	8.9	8.4	8.6	9.5	7.8	8.6	9.4	8.8	9.1
22	7.6	6.9	7.2	10.3	8.9	9.5	---	---	---	9.2	8.3	8.8
23	8.1	7.0	7.2	10.5	9.6	9.7	---	---	---	9.1	8.8	8.9
24	8.2	7.4	7.8	9.9	9.3	9.5	---	---	---	9.5	8.3	8.8
25	8.2	7.3	7.6	10.7	9.5	10.0	---	---	---	9.7	8.6	9.0
26	7.7	7.4	7.6	10.9	9.8	10.3	---	---	---	9.8	8.9	9.1
27	7.7	7.3	7.5	10.8	9.6	10.1	---	---	---	9.8	8.9	9.2
28	7.5	7.1	7.3	10.8	9.4	9.9	---	---	---	9.4	8.6	9.0
29	7.5	7.1	7.3	10.0	8.6	9.2	---	---	---	9.3	8.6	8.9
30	7.5	7.0	7.2	9.6	8.9	9.1	---	---	---	9.1	8.7	9.0
31	7.4	6.6	7.0	---	---	---	---	---	---	9.4	8.8	9.1
MONTH	---	---	---	10.9	6.9	8.7	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.1	9.1	9.5	---	---	---	8.3	7.6	8.0	8.3	6.8	7.6
2	10.0	9.6	9.7	---	---	---	---	---	---	7.3	6.3	6.8
3	10.2	9.3	9.7	---	---	---	---	---	---	---	---	---
4	10.2	9.8	10.0	---	---	---	---	---	---	---	---	---
5	10.7	9.6	10.0	---	---	---	---	---	---	---	---	---
6	10.1	9.6	9.9	---	---	---	---	---	---	---	---	---
7	9.9	9.5	9.7	---	---	---	---	---	---	---	---	---
8	10.1	9.6	9.9	---	---	---	---	---	---	8.4	6.8	7.8
9	10.3	9.8	10.0	---	---	---	---	---	---	---	---	---
10	10.8	9.9	10.1	---	---	---	---	---	---	---	---	---
11	11.1	9.7	10.1	---	---	---	---	---	---	---	---	---
12	10.3	9.4	9.8	---	---	---	---	---	---	---	---	---
13	10.5	9.6	9.9	---	---	---	9.2	8.3	8.9	---	---	---
14	10.2	9.2	9.5	---	---	---	9.5	6.5	8.2	---	---	---
15	10.5	9.5	9.8	---	---	---	9.4	6.6	7.4	---	---	---
16	10.5	9.0	9.7	---	---	---	7.9	6.7	7.1	---	---	---
17	10.1	9.2	9.6	---	---	---	9.0	6.8	7.7	6.9	5.9	6.3
18	10.2	9.4	9.7	---	---	---	9.2	6.7	7.8	6.3	5.5	6.0
19	10.6	9.6	10.0	---	---	---	9.3	8.1	8.5	5.9	5.0	5.4
20	11.5	10.3	10.7	---	---	---	9.0	7.9	8.3	5.4	4.8	5.1
21	11.6	10.6	10.9	---	---	---	8.8	7.6	8.2	5.6	4.8	5.2
22	11.7	10.4	10.9	---	---	---	8.0	7.7	7.9	5.7	5.5	5.6
23	11.4	10.4	10.7	---	---	---	8.2	7.7	8.0	6.3	5.9	6.1
24	11.2	10.3	10.7	---	---	---	8.9	6.4	8.0	7.2	6.7	7.1
25	11.0	9.8	10.4	---	---	---	8.9	6.7	7.6	6.9	6.6	6.7
26	10.9	10.1	10.4	---	---	---	9.5	8.0	8.7	6.9	6.6	6.7
27	---	---	---	---	---	---	9.7	8.1	8.6	---	---	---
28	---	---	---	---	---	---	9.3	7.9	8.3	---	---	---
29	---	---	---	9.5	8.6	9.0	8.8	7.3	7.8	---	---	---
30	---	---	---	8.9	8.8	8.8	8.8	7.4	8.2	---	---	---
31	---	---	---	8.5	7.2	7.7	---	---	---	---	---	---
MONTH	11.7	9.0	10.1	---	---	---	---	---	---	---	---	---

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	6.8	7.3	---	---	---	---	---	---	---	---	---
2	8.1	6.3	6.8	---	---	---	---	---	---	---	---	---
3	7.7	6.4	6.8	---	---	---	---	---	---	---	---	---
4	7.9	6.2	7.2	---	---	---	---	---	---	---	---	---
5	7.3	5.6	6.4	---	---	---	---	---	---	---	---	---
6	7.5	6.6	7.2	---	---	---	---	---	---	---	---	---
7	7.2	5.4	6.4	---	---	---	---	---	---	---	---	---
8	6.7	5.3	5.7	---	---	---	---	---	---	---	---	---
9	6.6	5.1	5.6	---	---	---	---	---	---	---	---	---
10	5.6	4.1	4.8	---	---	---	---	---	---	---	---	---
11	5.4	4.2	4.5	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	24.0	24.5	21.5	20.5	21.5	12.0	9.5	11.0	---	---	---
2	24.5	22.5	23.5	---	---	---	11.5	10.0	10.5	---	---	---
3	23.5	22.0	23.0	---	---	---	11.0	8.5	10.0	---	---	---
4	25.0	22.5	23.5	19.5	18.5	19.0	10.5	9.5	10.0	12.5	9.5	11.0
5	26.5	24.0	25.0	19.0	17.5	18.5	---	---	---	13.0	9.5	10.5
6	26.0	24.5	25.0	20.0	18.0	19.0	11.0	9.5	10.0	11.5	9.5	10.0
7	24.5	23.0	23.5	20.0	16.5	19.0	13.0	10.5	11.5	10.5	9.5	10.0
8	24.5	20.0	22.5	18.5	15.5	17.0	12.0	10.0	11.5	10.0	8.5	9.5
9	23.5	21.5	23.0	17.5	15.0	16.0	11.0	9.5	10.0	10.0	8.5	9.0
10	22.5	18.5	20.5	16.5	14.5	16.0	13.0	9.5	10.5	11.0	9.5	10.0
11	18.5	16.0	17.5	16.0	14.0	15.5	14.0	11.0	12.5	---	---	---
12	19.5	15.5	17.5	17.0	14.0	15.5	14.5	11.5	12.5	---	---	---
13	22.0	18.5	20.5	16.5	14.0	15.0	16.0	12.0	13.5	---	---	---
14	24.0	21.5	22.5	16.0	14.0	15.0	13.5	11.0	12.0	---	---	---
15	23.5	21.5	22.0	16.0	13.5	14.5	14.5	11.5	12.5	---	---	---
16	---	---	---	17.0	13.5	15.0	---	---	---	---	---	---
17	---	---	---	17.0	14.0	15.0	---	---	---	---	---	---
18	---	---	---	16.5	14.5	15.0	---	---	---	---	---	---
19	---	---	---	16.5	14.5	15.0	---	---	---	10.5	9.0	9.5
20	---	---	---	16.5	14.5	15.5	12.0	11.0	11.5	10.5	9.0	10.0
21	21.0	19.5	20.0	15.5	13.5	14.5	13.0	11.5	12.0	11.0	10.5	10.5
22	20.5	19.0	20.0	14.5	10.0	11.5	12.5	11.0	11.5	11.0	10.5	10.5
23	21.0	19.0	20.0	13.0	10.5	11.5	11.5	10.5	11.0	11.0	10.0	10.5
24	21.0	19.0	20.0	13.0	10.0	11.5	11.5	10.5	11.0	12.5	11.0	11.5
25	20.0	19.0	19.5	12.0	9.0	10.0	---	---	---	12.0	10.5	11.0
26	19.5	18.5	19.0	10.0	9.5	10.0	---	---	---	10.5	9.0	10.0
27	20.0	19.0	19.5	12.5	9.5	10.0	---	---	---	11.0	9.5	10.0
28	20.5	19.5	20.0	12.0	9.5	10.0	---	---	---	11.5	10.5	11.0
29	20.0	19.5	20.0	13.0	9.0	11.0	---	---	---	11.5	10.5	11.0
30	20.5	19.5	20.0	13.0	9.5	11.0	---	---	---	10.5	10.0	10.0
31	21.5	19.0	20.5	---	---	---	---	---	---	10.5	9.0	10.0
MONTH	26.5	15.5	21.0	21.5	9.0	14.5	---	---	---	---	---	---

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.5	9.0	---	---	---	14.5	12.5	13.0	23.5	21.0	22.0
2	9.0	7.5	8.0	---	---	---	---	---	---	23.5	21.0	22.0
3	7.5	7.0	7.5	---	---	---	---	---	---	---	---	---
4	7.0	5.5	6.5	---	---	---	---	---	---	---	---	---
5	6.5	4.5	5.5	---	---	---	---	---	---	---	---	---
6	8.5	6.5	7.5	---	---	---	---	---	---	---	---	---
7	10.0	8.5	9.0	---	---	---	---	---	---	---	---	---
8	9.0	7.5	8.5	---	---	---	---	---	---	22.0	20.5	22.0
9	8.5	7.5	8.0	---	---	---	---	---	---	---	---	---
10	9.0	7.5	8.0	---	---	---	---	---	---	---	---	---
11	9.5	8.0	8.5	---	---	---	---	---	---	---	---	---
12	8.5	7.5	8.0	---	---	---	---	---	---	---	---	---
13	9.0	7.5	8.0	---	---	---	19.5	16.0	18.0	---	---	---
14	9.5	7.5	8.0	---	---	---	22.5	17.5	19.5	---	---	---
15	10.0	8.0	9.0	---	---	---	22.5	19.5	20.5	---	---	---
16	9.5	9.0	9.0	---	---	---	22.5	19.5	21.0	---	---	---
17	9.0	8.5	8.5	---	---	---	22.0	19.0	21.0	22.5	21.0	22.0
18	8.5	7.5	8.0	---	---	---	21.5	17.5	19.0	22.5	21.5	22.0
19	7.5	5.5	6.5	---	---	---	22.0	18.0	19.0	22.0	21.5	21.5
20	7.0	5.5	6.0	---	---	---	22.0	18.0	19.5	22.5	21.0	21.5
21	8.0	5.0	6.5	---	---	---	19.5	17.5	18.5	22.0	21.0	21.5
22	10.5	7.5	8.5	---	---	---	17.5	16.5	17.0	22.0	21.0	21.5
23	9.0	7.0	8.0	---	---	---	20.0	18.0	19.0	22.0	21.0	21.5
24	10.0	7.5	8.5	---	---	---	22.0	19.0	20.5	22.5	20.5	21.5
25	10.0	9.0	9.5	---	---	---	20.5	19.0	19.5	23.5	21.5	22.5
26	11.0	9.0	10.0	---	---	---	20.0	16.5	18.5	23.5	21.0	22.5
27	---	---	---	13.5	13.0	13.0	21.0	16.5	18.5	---	---	---
28	---	---	---	14.5	13.5	14.0	21.5	18.0	19.5	---	---	---
29	---	---	---	14.0	13.5	14.0	22.5	19.0	20.5	---	---	---
30	---	---	---	14.0	13.5	13.5	23.5	20.5	22.0	---	---	---
31	---	---	---	13.0	12.5	12.5	---	---	---	---	---	---
MONTH	11.0	4.5	8.0	---	---	---	---	---	---	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	21.5	22.5	---	---	---	---	---	---	---	---	---
2	25.0	21.0	22.5	---	---	---	---	---	---	---	---	---
3	26.0	21.5	23.0	---	---	---	---	---	---	---	---	---
4	26.5	24.0	25.0	---	---	---	---	---	---	---	---	---
5	28.0	25.0	26.0	---	---	---	---	---	---	---	---	---
6	25.5	23.5	24.5	---	---	---	---	---	---	---	---	---
7	26.0	23.5	24.5	---	---	---	---	---	---	---	---	---
8	25.5	23.0	24.0	---	---	---	---	---	---	---	---	---
9	27.0	23.5	25.0	---	---	---	---	---	---	---	---	---
10	25.0	23.5	24.0	---	---	---	---	---	---	---	---	---
11	25.0	22.5	23.5	---	---	---	---	---	---	---	---	---
12	26.0	22.0	23.5	---	---	---	---	---	---	---	---	---
13	26.0	22.5	23.5	---	---	---	---	---	---	---	---	---
14	27.0	23.5	24.5	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

SANTEE RIVER BASIN

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.5	6.7	---	---	---	6.6	6.3	6.5	---	---	---
2	6.8	6.5	6.7	---	---	---	6.7	6.5	6.5	---	---	---
3	6.7	6.2	6.5	---	---	---	6.7	6.6	6.6	---	---	---
4	7.0	6.2	6.6	---	---	---	6.9	6.6	6.6	---	---	---
5	6.9	6.6	6.8	---	---	---	---	---	---	---	---	---
6	6.7	6.6	6.7	---	---	---	---	---	---	---	---	---
7	6.8	6.5	6.6	7.2	6.6	7.0	---	---	---	---	---	---
8	6.8	6.6	6.7	6.8	6.5	6.6	---	---	---	---	---	---
9	6.8	6.6	6.7	6.7	6.3	6.5	---	---	---	---	---	---
10	6.7	6.2	6.5	6.7	6.4	6.6	---	---	---	---	---	---
11	6.4	6.0	6.3	6.6	6.5	6.6	---	---	---	---	---	---
12	6.6	6.0	6.3	6.7	6.5	6.6	---	---	---	---	---	---
13	6.7	6.1	6.5	6.7	6.5	6.6	---	---	---	---	---	---
14	6.7	6.4	6.6	6.7	6.5	6.6	---	---	---	---	---	---
15	6.6	6.2	6.5	6.8	6.3	6.6	---	---	---	---	---	---
16	---	---	---	6.7	6.2	6.5	---	---	---	---	---	---
17	---	---	---	7.1	6.5	6.7	---	---	---	---	---	---
18	---	---	---	7.4	6.9	7.0	---	---	---	---	---	---
19	---	---	---	7.4	6.8	7.1	---	---	---	6.8	6.2	6.6
20	---	---	---	7.3	6.6	6.9	7.3	6.8	7.0	6.9	6.5	6.7
21	---	---	---	7.0	6.7	6.8	7.2	6.7	7.0	7.1	6.7	6.9
22	---	---	---	6.9	6.6	6.7	7.0	6.4	6.7	7.2	6.5	6.8
23	---	---	---	6.7	6.4	6.6	6.5	6.2	6.3	7.3	6.6	6.9
24	---	---	---	6.6	6.4	6.5	6.6	6.2	6.4	7.3	6.5	6.9
25	---	---	---	6.6	6.2	6.4	---	---	---	7.3	6.5	6.8
26	---	---	---	6.6	6.2	6.4	---	---	---	---	---	---
27	---	---	---	6.8	6.3	6.5	---	---	---	6.5	6.1	6.3
28	---	---	---	6.8	6.3	6.6	---	---	---	6.8	6.3	6.6
29	---	---	---	6.7	5.9	6.3	---	---	---	6.7	6.3	6.6
30	---	---	---	6.7	6.2	6.5	---	---	---	6.9	6.5	6.7
31	---	---	---	---	---	---	---	---	---	7.0	6.4	6.8
MONTH	---	---	---	7.4	5.9	6.6	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.6	6.8	---	---	---	6.3	5.8	6.2	7.3	6.8	7.1
2	6.9	6.3	6.6	---	---	---	---	---	---	---	---	---
3	6.9	6.3	6.8	---	---	---	---	---	---	---	---	---
4	6.9	6.3	6.8	---	---	---	---	---	---	---	---	---
5	6.9	6.2	6.7	---	---	---	---	---	---	---	---	---
6	6.9	6.4	6.7	---	---	---	---	---	---	---	---	---
7	7.3	6.7	7.0	---	---	---	---	---	---	---	---	---
8	7.1	6.3	6.9	---	---	---	---	---	---	7.2	6.8	7.0
9	7.1	6.3	6.9	---	---	---	---	---	---	---	---	---
10	7.2	6.6	6.9	---	---	---	---	---	---	---	---	---
11	7.1	6.5	6.9	---	---	---	---	---	---	---	---	---
12	7.0	6.6	6.8	---	---	---	---	---	---	---	---	---
13	7.1	6.3	6.7	---	---	---	7.2	6.6	6.9	---	---	---
14	7.0	6.4	6.9	---	---	---	7.2	6.4	6.8	---	---	---
15	7.2	6.7	7.0	---	---	---	7.2	6.3	6.6	---	---	---
16	7.1	6.7	6.9	---	---	---	6.9	6.4	6.7	---	---	---
17	7.1	6.7	7.0	---	---	---	7.2	6.5	6.9	7.4	6.9	7.2
18	7.1	6.7	6.9	---	---	---	7.2	6.2	6.8	7.0	6.4	6.8
19	7.1	6.8	7.0	---	---	---	7.1	6.4	6.8	6.8	6.4	6.7
20	7.3	6.5	7.0	---	---	---	7.1	6.3	6.9	6.8	6.5	6.7
21	7.1	6.3	6.9	---	---	---	6.8	6.3	6.6	6.9	6.4	6.7
22	6.8	6.3	6.6	---	---	---	6.8	6.3	6.7	6.9	6.6	6.7
23	6.8	6.3	6.6	---	---	---	6.8	6.5	6.7	6.9	6.6	6.7
24	7.0	6.4	6.7	---	---	---	7.2	6.5	6.8	7.0	6.5	6.8
25	7.0	6.2	6.7	---	---	---	7.3	6.4	6.8	6.9	6.6	6.8
26	6.8	6.1	6.5	---	---	---	6.4	5.9	6.2	---	---	---
27	---	---	---	6.4	5.5	6.0	6.9	5.9	6.3	---	---	---
28	---	---	---	6.4	5.6	6.1	7.0	6.4	6.7	---	---	---
29	---	---	---	6.2	5.4	6.0	6.8	6.4	6.6	---	---	---
30	---	---	---	6.3	6.1	6.2	7.0	6.4	6.7	---	---	---
31	---	---	---	6.3	5.8	6.0	---	---	---	---	---	---
MONTH	7.3	6.1	6.8	---	---	---	---	---	---	---	---	---

02147200 CATAWBA RIVER NEAR FORT LAWN, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.2	6.4	---	---	---	---	---	---	---	---	---
2	6.6	6.1	6.4	---	---	---	---	---	---	---	---	---
3	6.6	6.0	6.3	---	---	---	---	---	---	---	---	---
4	7.0	6.2	6.6	---	---	---	---	---	---	---	---	---
5	7.1	6.3	6.7	---	---	---	---	---	---	---	---	---
6	7.1	6.4	6.6	---	---	---	---	---	---	---	---	---
7	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
8	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
9	7.5	7.1	7.2	---	---	---	---	---	---	---	---	---
10	7.2	6.3	6.8	---	---	---	---	---	---	---	---	---
11	6.7	6.1	6.4	---	---	---	---	---	---	---	---	---
12	6.9	6.3	6.6	---	---	---	---	---	---	---	---	---
13	6.6	6.3	6.5	---	---	---	---	---	---	---	---	---
14	6.6	6.1	6.3	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

SANTEE RIVER BASIN

02147250 CANE CREEK NEAR LANCASTER, S.C.

LOCATION.--Lat 34°42'00", long 80°50'20", Lancaster County, at bridge on County Highway 50, 1.5 miles upstream from Rum Creek, 4.0 miles west of Lancaster, and at mile 3.6.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 19...	1135	13.0	160	7.1	7.4	270
JAN. 18...	1050	5.5	110	6.8	11.7	830
MAR. 30...	0915	12.5	90	6.9	9.7	5300
JUNE 15...	0820	19.0	170	6.7	3.5	400
JULY 14...	1145	22.5	200	6.9	3.1	580
AUG. 25...	0805	23.0	190	6.8	2.0	--
SEP. 21...	0840	21.0	140	6.5	2.3	--

SANTEE RIVER BASIN

02147255 RUM CREEK NEAR LANCASTER, S.C.

LOCATION.--Lat 34°40'40", long 80°48'00", Lancaster County, at bridge on State Highway 200, 3.2 miles southwest of Lancaster, and 4.8 miles upstream from Cane Creek.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 19...	1150	13.0	145	7.2	10.3	--
JAN. 18...	1030	5.0	102	6.9	12.6	64
MAR. 30...	0905	12.0	100	7.1	10.2	460
JUNE 15...	0745	17.0	145	7.0	6.9	450
JULY 14...	1200	23.0	150	7.2	7.7	980
AUG. 25...	0750	21.5	150	7.1	6.6	170
SEP. 21...	0850	17.5	160	6.7	5.8	240

02147310 WATEREE RIVER NEAR GREAT FALLS, S.C.

LOCATION.--Lat 34°35'53", long 80°53'26", Chester County, at bridge on State Highways 200-97, 0.2 mile downstream from Fishing Creek Reservoir dam, 1.9 miles northwest of Great Falls, and at mile 102.8.

PERIOD OF RECORD.--Chemical analyses: July 1971 to July 1972 (discontinued).

CHEMICAL ANALYSES, JULY 1971 TO JULY 1972

DATE	TIME	TEMPER-ATURE (DEG C)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
JULY, 1971						
12...	0900	27.5	105	6.8	6.4	--
AUG.						
25...	0730	25.5	160	6.8	5.1	14 *
SEP.						
13...	1450	27.0	170	6.8	6.1	11 *
OCT.						
04...	0850	23.0	135	6.9	7.0	280
NOV.						
19...	1215	16.5	130	6.9	8.2	--
DEC.						
09...	1150	11.5	125	7.1	10.0	--
JAN., 1972						
18...	1010	7.5	98	7.1	10.6	900
FEB.						
09...	1220	7.0	100	7.2	11.4	700
MAR.						
30...	0840	12.5	140	7.2	9.8	7000
APR.						
20...	1155	21.0	150	7.1	7.4	50
MAY						
22...	1315	22.0	110	6.9	7.2	110
JUNE						
15...	0720	24.0	140	7.0	7.2	17 *
JULY						
14...	1215	26.0	120	7.0	6.3	25

SANTEE RIVER BASIN

02147350 FISHING CREEK AT LANDO, S.C.

LOCATION.--Lat 34°46'30", long 81°00'20", Chester County, at bridge on State Highway 901, at Lando, 2.3 miles downstream from Seaboard Coast Line Railroad bridge, and at mile 23.1.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
19...	1105	13.0	135	7.6	11.4	300
JAN.						
18...	1120	4.5	95	7.3	13.5	--
MAR.						
30...	0945	12.5	115	7.3	10.5	6600
JUNE						
15...	0850	21.0	135	7.8	9.1	--
JULY						
14...	1120	25.0	130	7.8	8.5	540
AUG.						
25...	0830	24.0	140	7.8	8.0	1300
SEP.						
26...	0900	21.5	170	--	8.5	--

* Value based on non-ideal colony count.

02147490 ROCKY CREEK NEAR GREAT FALLS, S.C.

LOCATION.--Lat 34°35'20", long 80°56'30", Chester County, at bridge on State Highway 97, 2.3 miles upstream from Turkey Branch, 2.4 miles upstream from gaging station, 2.4 miles northwest of Great Falls, and at mile 4.2.

DRAINAGE AREA.--194 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
19...	1225	14.5	125	7.5	10.8	--
JAN.						
18...	0950	2.0	90	7.2	12.8	240
MAR.						
30...	0825	11.5	75	7.2	9.5	330
JUNE						
15...	0700	18.0	130	7.5	8.9	67
AUG.						
25...	0725	22.0	120	7.5	8.0	160
SEP.						
21...	0810	17.5	140	7.3	8.1	230

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, S.C.

LOCATION.--Lat 34°14'40", long 80°39'15", Kershaw County, at gaging station at bridge on U.S. Highway 1, 1,500 ft downstream from Twentyfivemile Creek, 4,000 ft upstream from Seaboard Coast Line Railroad bridge, 2.2 miles west of Camden, 7.4 miles downstream from Wateree Dam, and at mile 68.8.

DRAINAGE AREA.--5,070 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1946 to September 1947, December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC.							
08...	1015	10.0	15700	120	7.2	10.2	--
FEB.							
10...	1030	4.5	944	110	7.0	11.2	40
APR.							
19...	1055	19.0	7760	120	7.1	8.9	15*
MAY							
17...	0930	21.5	11800	150	7.4	8.1	17*
JULY							
17...	0920	25.5	790	87	6.9	7.1	100
AUG.							
29...	1120	27.0	4600	105	6.9	6.3	--
SEP.							
18...	1400	25.5	830	120	6.8	5.2	30

* Value based on non-ideal colony count.

SANTEE RIVER BASIN

02148055 BIG PINE TREE CREEK BELOW CAMDEN, S.C.

LOCATION.--Lat 34°13'30", long 80°36'20", Kershaw County, at bridge on U.S. Highway 521, 0.9 mile downstream from Southern Railroad bridge, 1.8 miles south of Camden, 2.8 miles downstream from Hermitage Mill Pond, and at mile 1.9.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC. 08...	1035	10.0	25	6.2	9.8	37
FEB. 10...	1105	3.5	25	6.2	11.6	--
APR. 19...	1035	20.5	24	6.5	7.4	65
MAY 17...	0915	21.0	27	6.3	6.8	81
JULY 17...	0940	26.0	23	6.7	6.5	46
AUG. 29...	1045	25.0	32	5.7	6.2	--
SEP. 18...	1345	25.0	26	5.8	6.3	230

SANTEE RIVER BASIN

02148200 SPEARS CREEK AT HIGHWAY 47 NEAR ELGIN, S.C.

LOCATION.--Lat 34°07'40", long 80°42'30", Kershaw County, at bridge on County Highway 47, 1.3 miles upstream from McCaskill Creek, and 5.8 miles southeast of Elgin.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC. 08...	0950	10.5	40	4.8	8.6	37
FEB. 10...	1000	2.5	55	5.2	11.8	--
APR. 19...	1120	19.0	53	6.2	7.9	24
MAY 17...	0955	19.0	70	5.7	7.1	94
JULY 17...	0900	22.5	34	6.2	7.2	43
AUG. 29...	1240	23.0	75	5.9	6.4	100
SEP. 18...	1520	21.5	15	7.5	8.0	170

02148240 SPEARS CREEK NEAR ELGIN, S.C.

LOCATION.--Lat 34°07'40", long 80°45'20", Kershaw County, at bridge on State Highway 12, 2.4 miles upstream from Haigs Creek, and 3.6 miles southeast of Elgin.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC. 08...	0940	10.0	42	5.0	8.1	150
FEB. 10...	0930	2.5	54	5.0	10.8	22
APR. 19...	1135	19.5	110	6.1	5.1	74
MAY 17...	1005	20.0	83	5.8	5.7	110
JULY 17...	0845	23.0	76	6.3	5.3	--
AUG. 29...	1230	24.0	240	6.0	2.2	--
SEP. 18...	1545	23.5	85	5.9	2.9	89

02148315 WATEREE RIVER BELOW EASTOVER, S.C.

LOCATION.--Lat 33 50'19", long 80 37'25", Richland County, at gaging station on right bank, 2.4 miles upstream from Southern Railway bridge, 2.5 miles northeast of Wateree, 5.0 miles southeast of Eastover, and at mile 12.0.

DRAINAGE AREA.--5,590 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1972.
Water temperatures: October 1970 to September 1972.

EXTREMES, 1971-72.--Specific conductance: Maximum, 159 micromhos Oct. 23, 1971; minimum, 66 micromhos Mar. 20, 1972.

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	135	127	132	95	86	92	114	104	110	79	71	75
2	138	124	131	95	76	89	113	104	109	80	71	76
3	135	111	125	104	95	100	117	113	115	111	79	98
4	136	117	130	111	95	104	117	111	115	110	103	107
5	136	123	129	114	95	105	115	108	111	107	92	100
6	140	129	136	118	95	107	116	103	111	115	103	108
7	145	129	137	124	109	114	105	95	100	120	105	114
8	144	129	138	107	94	100	116	101	110	120	104	112
9	145	134	141	109	97	104	117	99	112	115	102	108
10	151	133	141	113	99	107	115	104	111	106	99	104
11	146	125	134	116	94	106	113	108	111	108	97	101
12	145	129	135	110	92	101	113	104	109	111	96	105
13	147	132	140	114	96	108	108	93	102	---	---	---
14	142	117	129	122	96	112	107	96	102	---	---	---
15	135	125	131	116	93	105	109	101	106	---	---	---
16	134	119	129	108	88	100	108	98	104	---	---	---
17	134	122	128	106	90	99	112	104	107	---	---	---
18	134	125	130	109	93	103	122	109	114	---	---	---
19	135	126	130	109	96	102	122	108	116	---	---	---
20	131	123	127	105	95	102	114	98	106	---	---	---
21	131	125	128	110	98	105	114	93	101	---	---	---
22	145	122	129	116	105	112	115	105	112	---	---	---
23	159	122	135	115	104	111	117	108	113	---	---	---
24	---	---	---	113	110	112	115	99	109	---	---	---
25	---	---	---	115	101	110	114	97	107	---	---	---
26	---	---	---	115	99	108	104	92	99	---	---	---
27	112	105	107	106	95	102	102	91	98	---	---	---
28	112	97	106	110	97	105	103	87	94	---	---	---
29	110	103	106	105	93	100	105	86	93	---	---	---
30	115	103	107	113	93	101	106	92	99	---	---	---
31	122	89	104	---	---	---	93	68	79	---	---	---
MONTH	159	89	128	124	76	104	122	68	106	---	---	---

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	111	109	110
2	---	---	---	98	84	93	---	---	---	109	103	106
3	---	---	---	102	91	96	96	87	92	112	94	103
4	---	---	---	105	94	100	106	88	96	112	107	110
5	---	---	---	106	95	101	115	102	109	112	107	110
6	---	---	---	---	---	---	117	99	109	112	105	109
7	---	---	---	103	84	95	109	107	108	107	89	102
8	---	---	---	106	94	100	---	---	---	104	101	103
9	---	---	---	108	96	103	---	---	---	121	99	107
10	---	---	---	108	92	101	---	---	---	121	119	120
11	---	---	---	108	94	100	---	---	---	122	117	121
12	---	---	---	109	108	108	---	---	---	122	116	118
13	---	---	---	98	86	91	---	---	---	125	118	121
14	---	---	---	100	87	95	---	---	---	126	123	125
15	---	---	---	103	86	93	---	---	---	132	124	128
16	---	---	---	101	89	97	---	---	---	133	131	132
17	---	---	---	103	91	99	---	---	---	133	131	132
18	---	---	---	109	92	100	---	---	---	137	131	134
19	---	---	---	103	85	95	132	127	129	142	137	140
20	---	---	---	90	65	77	137	131	134	144	141	143
21	---	---	---	95	79	89	---	---	---	146	141	144
22	---	---	---	99	90	95	---	---	---	146	144	145
23	---	---	---	106	95	98	---	---	---	144	139	142
24	---	---	---	110	107	109	---	---	---	139	133	136
25	---	---	---	---	---	---	113	102	108	133	127	131
26	---	---	---	---	---	---	116	109	114	127	126	126
27	---	---	---	100	97	98	114	107	111	126	119	123
28	---	---	---	107	86	98	112	108	110	119	114	117
29	---	---	---	107	100	103	114	106	110	114	110	112
30	---	---	---	107	102	104	112	104	108	127	110	115
31	---	---	---	---	---	---	---	---	---	125	117	123
MONTH	---	---	---	110	65	98	---	---	---	146	89	122

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	118	110	115	107	106	107	104	95	100	106	103	105
2	114	110	112	106	102	103	106	104	105	103	98	102
3	112	104	109	102	101	102	105	101	102	105	99	102
4	109	106	108	103	94	102	108	101	107	117	98	109
5	111	107	108.	105	99	102	110	108	109	113	90	105
6	118	104	108	105	96	100	111	103	108	119	109	112
7	118	117	118	97	87	94	111	106	108	108	103	107
8	118	115	116	89	79	85	119	107	111	105	102	104
9	116	113	115	87	77	82	111	107	110	110	100	105
10	117	113	114	93	86	89	107	100	103	116	108	113
11	113	110	112	98	93	94	103	99	101	123	111	115
12	113	108	111	101	97	100	102	96	100	117	110	112
13	111	109	110	102	100	101	110	100	103	122	107	115
14	116	107	113	103	97	99	111	103	106	117	110	112
15	112	110	111	99	97	98	110	102	104	125	118	120
16	113	110	112	99	97	98	107	100	105	122	117	119
17	112	111	112	98	95	97	110	104	107	122	118	121
18	111	109	110	99	96	98	107	102	105	119	117	118
19	110	107	109	100	90	96	110	107	108	132	116	123
20	108	102	105	98	93	96	110	104	107	127	122	124
21	111	103	107	102	93	99	107	105	106	124	120	123
22	112	107	110	100	99	99	108	103	106	125	120	122
23	110	104	109	100	99	100	108	105	107	126	117	121
24	114	110	113	100	83	89	111	106	108	132	122	125
25	117	115	116	101	97	99	118	108	112	127	122	124
26	120	112	119	101	99	100	116	110	111	132	116	122
27	120	114	117	103	94	99	112	109	110	139	127	132
28	114	110	112	95	90	93	111	108	109	136	130	133
29	111	109	110	94	88	92	115	107	109	141	129	136
30	109	107	108	95	93	94	111	108	110	141	134	138
31	---	---	---	96	91	94	110	105	106	---	---	---
MONTH	120	102	112	107	77	97	119	95	107	141	90	117
YEAR	159	66	110									

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	9.3	9.1	9.2	10.0	7.5	8.5
2	---	---	---	---	---	---	9.7	9.4	9.5	9.9	8.3	9.0
3	---	---	---	---	---	---	9.8	9.5	9.7	10.4	6.3	8.5
4	---	---	---	---	---	---	9.8	9.4	9.6	---	---	---
5	---	---	---	---	---	---	9.8	9.5	9.6	---	---	---
6	---	---	---	---	---	---	9.8	9.3	9.6	---	---	---
7	---	---	---	---	---	---	9.4	8.7	8.9	---	---	---
8	---	---	---	---	---	---	9.1	8.3	8.9	---	---	---
9	---	---	---	---	---	---	8.9	8.3	8.7	---	---	---
10	---	---	---	---	---	---	8.9	8.3	8.7	---	---	---
11	---	---	---	---	---	---	8.6	8.1	8.4	---	---	---
12	---	---	---	---	---	---	8.8	8.6	8.7	---	---	---
13	---	---	---	---	---	---	9.0	8.3	8.6	---	---	---
14	---	---	---	---	---	---	9.4	8.2	8.8	---	---	---
15	---	---	---	---	---	---	9.7	9.0	9.3	---	---	---
16	---	---	---	7.9	6.0	7.1	9.8	9.5	9.7	---	---	---
17	---	---	---	7.5	4.1	6.4	9.6	9.2	9.4	---	---	---
18	---	---	---	8.7	4.1	6.7	9.7	8.8	9.1	---	---	---
19	---	---	---	8.2	6.9	7.9	9.7	9.4	9.6	---	---	---
20	---	---	---	7.9	7.5	7.8	9.6	8.8	9.2	---	---	---
21	---	---	---	8.4	7.7	8.1	---	---	---	---	---	---
22	---	---	---	8.7	8.1	8.5	---	---	---	---	---	---
23	---	---	---	9.3	8.7	9.1	---	---	---	---	---	---
24	---	---	---	9.6	9.1	9.4	10.9	8.3	9.7	---	---	---
25	---	---	---	9.7	9.2	9.4	8.6	7.5	8.0	---	---	---
26	---	---	---	9.8	9.3	9.5	8.8	7.9	8.3	---	---	---
27	---	---	---	10.0	9.4	9.8	8.8	6.3	8.0	---	---	---
28	---	---	---	10.0	9.5	9.8	8.4	5.9	7.3	---	---	---
29	---	---	---	10.2	8.9	9.5	7.9	6.8	7.5	---	---	---
30	---	---	---	9.6	9.0	9.4	9.0	6.6	8.3	---	---	---
31	---	---	---	---	---	---	9.5	7.4	8.3	---	---	---
MONTH	---	---	---	---	---	---	10.9	5.9	8.9	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	9.8	8.4	9.1
2	---	---	---	---	---	---	---	---	---	9.2	8.0	8.6
3	---	---	---	---	---	---	---	---	---	8.7	7.0	8.0
4	---	---	---	---	---	---	---	---	---	8.1	6.7	7.6
5	---	---	---	---	---	---	---	---	---	8.3	6.9	7.7
6	---	---	---	---	---	---	---	---	---	9.8	7.5	8.8
7	---	---	---	10.4	9.6	9.9	---	---	---	9.4	7.8	8.5
8	---	---	---	10.5	9.8	10.3	---	---	---	8.8	8.0	8.3
9	---	---	---	10.1	9.5	9.9	---	---	---	7.9	6.3	7.0
10	---	---	---	10.2	9.9	10.1	---	---	---	7.0	6.4	6.6
11	---	---	---	---	---	---	---	---	---	8.2	6.9	7.3
12	---	---	---	---	---	---	---	---	---	8.1	7.4	7.7
13	---	---	---	10.5	9.7	10.1	---	---	---	7.7	7.1	7.4
14	---	---	---	9.6	8.9	9.3	---	---	---	7.3	6.6	7.1
15	---	---	---	10.7	9.4	10.3	---	---	---	7.2	6.4	6.8
16	---	---	---	10.5	9.9	10.1	---	---	---	7.5	7.0	7.4
17	---	---	---	10.4	9.8	10.1	---	---	---	9.4	7.2	7.6
18	---	---	---	9.7	8.9	9.4	---	---	---	8.1	7.1	7.5
19	---	---	---	10.2	9.4	9.8	9.4	7.7	9.2	7.2	6.8	7.0
20	---	---	---	9.9	9.2	9.6	8.6	7.5	8.1	7.1	6.3	6.7
21	---	---	---	---	---	---	---	---	---	7.1	6.6	6.8
22	---	---	---	---	---	---	---	---	---	6.6	6.3	6.5
23	---	---	---	---	---	---	---	---	---	6.6	6.2	6.3
24	---	---	---	---	---	---	---	---	---	6.5	6.1	6.3
25	---	---	---	---	---	---	7.6	6.8	7.2	6.4	6.1	6.2
26	---	---	---	---	---	---	8.0	7.6	7.8	6.5	6.4	6.4
27	---	---	---	9.9	8.8	9.2	9.3	7.5	8.2	6.5	5.8	6.2
28	---	---	---	---	---	---	10.1	8.3	9.3	6.1	5.5	5.7
29	---	---	---	---	---	---	9.6	8.5	9.1	6.8	6.2	6.5
30	---	---	---	---	---	---	9.5	8.4	9.0	7.1	5.5	6.6
31	---	---	---	---	---	---	---	---	---	6.4	5.7	6.2
MONTH	---	---	---	---	---	---	---	---	---	9.8	5.5	7.2

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.6	6.8	6.0	5.5	5.8	6.2	4.3	5.7	7.6	6.2	6.9
2	7.2	6.7	6.9	5.9	5.4	5.7	5.9	5.2	5.6	7.0	6.3	6.6
3	8.4	6.6	7.4	6.1	5.4	5.8	6.8	5.8	6.3	7.3	5.6	6.3
4	8.6	7.6	8.1	6.7	5.7	6.1	6.4	5.7	6.0	7.9	5.6	6.7
5	9.5	7.9	8.7	6.7	5.4	6.1	6.1	5.6	5.8	6.7	5.4	6.0
6	8.4	6.7	7.6	6.5	4.7	6.0	5.7	5.4	5.5	6.6	5.1	5.9
7	7.2	6.6	6.9	6.4	5.7	6.1	5.4	4.8	5.1	6.9	5.5	6.1
8	7.3	6.4	6.9	6.9	5.7	6.4	5.5	4.5	5.0	7.1	5.8	6.4
9	7.6	6.9	7.2	7.0	6.6	6.8	5.5	4.5	4.8	7.1	5.6	6.4
10	7.4	6.4	6.9	7.2	6.9	7.0	6.5	4.6	5.9	6.7	5.7	6.2
11	6.9	6.5	6.7	7.7	6.7	7.2	6.4	5.8	6.0	7.8	6.6	6.7
12	7.7	6.9	7.3	7.6	6.2	7.0	5.8	5.0	5.3	7.4	5.9	6.7
13	8.7	7.0	7.8	8.1	6.6	7.3	6.0	4.5	5.3	7.1	6.3	6.6
14	7.9	5.9	6.9	8.1	6.7	7.3	7.1	6.4	6.8	7.2	6.1	6.6
15	6.2	6.0	6.1	7.5	6.6	7.1	7.8	6.1	6.8	6.4	4.9	5.8
16	6.1	5.6	5.9	7.3	6.4	6.8	6.5	5.9	6.2	6.1	5.3	5.6
17	5.7	5.4	5.5	7.2	6.0	6.6	6.4	5.2	5.8	6.0	5.4	5.6
18	6.2	5.7	5.9	7.5	5.7	6.4	6.8	5.6	6.1	6.2	5.2	5.8
19	6.1	5.8	6.0	7.4	5.7	6.5	6.3	5.3	5.8	6.1	4.5	5.5
20	6.4	6.0	6.2	6.7	5.1	6.4	6.8	5.6	6.2	6.0	5.1	5.6
21	6.1	4.5	5.6	6.4	5.2	6.0	7.5	6.0	6.6	7.2	6.1	6.6
22	5.8	2.9	4.8	6.3	5.7	5.9	8.0	6.5	7.2	8.0	6.7	7.3
23	6.1	5.8	6.0	5.8	5.5	5.6	7.1	5.8	6.5	7.2	6.2	6.8
24	6.2	6.0	6.1	5.4	5.1	5.2	7.2	6.1	6.7	7.1	5.4	6.4
25	6.2	5.7	6.0	5.4	4.5	5.2	6.6	4.9	6.0	7.2	6.5	6.8
26	6.4	5.7	6.0	5.5	4.8	5.3	6.3	5.0	5.9	6.6	6.3	6.4
27	6.0	5.7	5.8	5.7	4.9	5.4	6.3	5.5	5.9	---	---	---
28	5.9	5.8	5.8	5.9	5.0	5.5	5.8	5.3	5.6	---	---	---
29	5.8	5.4	5.5	5.7	5.2	5.5	6.6	5.1	5.8	---	---	---
30	5.9	5.5	5.6	6.3	5.7	6.0	6.7	5.3	6.0	---	---	---
31	---	---	---	6.7	5.7	6.1	7.9	5.9	7.0	---	---	---
MONTH	9.5	2.9	6.5	8.1	4.5	6.2	8.0	4.5	6.0	8.0	4.5	6.3

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	25.5	24.5	25.0	21.5	19.0	20.5	12.5	11.0	12.0	14.5	13.5	14.0
2	28.5	24.5	26.0	---	---	---	12.0	10.5	11.0	15.0	13.5	14.0
3	26.5	24.5	25.5	---	---	---	11.0	9.5	10.0	14.0	13.0	13.5
4	27.0	24.0	25.5	---	---	---	11.0	10.0	10.0	14.0	13.0	13.5
5	29.0	24.5	26.0	---	---	---	10.5	9.5	10.5	15.5	13.0	14.0
6	29.5	25.0	26.5	---	---	---	12.0	10.0	11.0	13.0	12.0	12.5
7	28.0	25.5	26.5	---	---	---	13.5	11.5	12.5	13.0	11.0	12.0
8	30.0	23.5	27.0	---	---	---	12.5	10.5	11.5	12.5	10.0	11.5
9	28.0	23.0	25.5	---	---	---	12.0	10.0	11.0	13.5	10.5	12.0
10	28.0	24.0	26.0	---	---	---	12.0	10.5	11.0	15.5	12.0	13.0
11	27.5	23.5	26.0	17.0	14.0	16.5	12.5	11.5	12.0	14.0	12.5	13.5
12	27.0	21.5	24.0	---	---	---	13.0	11.0	12.0	14.5	12.5	13.0
13	27.0	20.5	23.5	---	---	---	12.5	11.5	12.0	---	---	---
14	28.5	21.5	24.0	---	---	---	13.0	12.0	12.0	---	---	---
15	27.5	22.5	24.5	21.0	16.0	17.5	14.5	12.0	13.0	---	---	---
16	25.5	22.5	24.0	---	---	---	14.5	13.0	14.0	---	---	---
17	27.5	22.5	24.5	---	---	---	14.0	12.5	13.5	---	---	---
18	22.5	20.0	22.0	---	---	---	13.0	11.5	12.0	---	---	---
19	22.5	20.5	21.5	19.5	15.0	17.0	13.0	11.5	12.0	---	---	---
20	22.5	21.5	22.0	17.5	15.0	16.5	14.0	12.5	13.0	---	---	---
21	22.0	21.0	21.5	17.0	14.5	15.5	15.0	13.0	14.0	---	---	---
22	23.0	21.5	22.5	15.5	13.5	14.5	14.0	12.0	13.0	---	---	---
23	26.0	21.0	23.0	13.5	12.5	13.0	12.5	11.5	12.0	---	---	---
24	---	---	---	13.0	12.0	12.5	13.5	11.5	12.5	---	---	---
25	---	---	---	13.5	12.5	13.0	13.0	11.5	12.0	---	---	---
26	---	---	---	13.5	12.0	12.5	13.5	11.5	12.5	---	---	---
27	21.0	18.5	20.0	13.5	12.0	12.5	15.0	12.5	13.5	---	---	---
28	24.0	20.0	21.0	13.5	12.0	12.5	16.0	13.5	15.0	---	---	---
29	22.0	20.0	20.5	14.0	11.5	13.0	15.5	13.5	14.5	---	---	---
30	23.0	19.5	21.0	14.0	12.0	12.5	16.0	14.0	15.0	---	---	---
31	21.5	19.5	20.5	---	---	---	16.5	14.0	15.0	---	---	---
MONTH	30.0	18.5	23.5	---	---	---	16.5	9.5	12.5	---	---	---

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	22.0	20.5	21.5
2	---	---	---	13.5	12.0	12.5	---	---	---	23.0	21.0	21.5
3	---	---	---	13.0	11.5	12.0	15.0	14.0	14.5	23.0	21.5	22.0
4	---	---	---	11.5	11.0	11.5	16.0	14.0	14.5	23.0	21.0	22.0
5	---	---	---	12.5	11.0	11.5	17.0	14.5	16.0	22.5	21.0	21.5
6	---	---	---	---	---	---	20.0	14.5	17.0	23.0	20.5	22.0
7	---	---	---	14.0	11.0	12.5	16.5	16.0	16.5	23.5	21.5	22.5
8	---	---	---	13.5	12.0	12.5	---	---	---	22.0	21.5	22.0
9	---	---	---	13.5	11.0	12.0	---	---	---	23.5	21.0	22.0
10	---	---	---	13.5	11.0	12.0	---	---	---	22.5	20.5	21.5
11	---	---	---	13.5	11.5	12.5	---	---	---	23.5	21.0	22.0
12	---	---	---	12.0	12.0	12.0	---	---	---	23.0	21.0	22.0
13	---	---	---	15.5	14.0	15.0	---	---	---	23.0	20.5	22.0
14	---	---	---	16.5	14.0	15.0	---	---	---	23.5	21.0	22.5
15	---	---	---	15.5	13.0	14.5	---	---	---	23.5	21.5	22.0
16	---	---	---	16.5	14.0	15.0	---	---	---	22.5	21.5	22.0
17	---	---	---	16.0	13.5	14.5	---	---	---	24.0	22.5	23.0
18	---	---	---	15.0	13.0	14.0	---	---	---	24.5	21.0	23.5
19	---	---	---	16.0	13.0	14.0	21.5	20.0	20.5	23.5	22.5	23.0
20	---	---	---	17.5	15.5	17.0	21.5	19.5	20.5	23.5	22.0	23.0
21	---	---	---	19.0	15.5	16.5	---	---	---	23.0	22.5	22.5
22	---	---	---	17.5	15.5	16.5	---	---	---	23.0	22.5	22.5
23	---	---	---	18.0	14.5	16.0	---	---	---	22.5	22.0	22.5
24	---	---	---	14.5	14.5	14.5	---	---	---	22.5	22.0	22.5
25	---	---	---	---	---	---	21.0	20.0	20.5	23.0	22.0	22.5
26	---	---	---	---	---	---	20.5	19.0	19.5	22.5	21.5	22.0
27	---	---	---	14.5	14.0	14.5	21.0	18.5	20.0	22.0	21.0	21.5
28	---	---	---	15.0	14.0	14.5	21.0	19.0	20.5	21.0	20.0	20.5
29	---	---	---	15.0	14.5	15.0	21.0	20.0	20.5	21.5	20.5	21.0
30	---	---	---	17.5	15.0	15.5	21.5	20.0	21.0	23.0	21.5	22.5
31	---	---	---	---	---	---	---	---	---	23.5	23.0	23.0
MONTH	---	---	---	19.0	11.0	14.0	---	---	---	24.5	20.0	22.0

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.0	22.5	22.5	26.5	25.5	26.0	29.5	28.5	29.0	28.0	27.0	27.5
2	23.0	22.0	22.5	27.0	26.5	26.5	29.5	28.5	29.0	27.5	26.5	27.0
3	24.0	22.5	23.0	27.5	26.5	27.0	30.0	29.0	29.5	27.5	26.0	27.0
4	24.5	23.5	24.0	28.5	27.0	27.5	30.0	29.5	30.0	28.0	26.0	27.0
5	25.5	24.5	25.0	28.0	26.0	27.5	30.5	30.0	30.0	28.0	27.0	27.5
6	27.0	24.5	25.5	27.0	25.5	26.5	29.5	29.0	29.0	27.5	25.0	27.0
7	25.0	24.0	24.5	26.0	25.5	26.0	30.0	27.5	29.0	27.0	26.0	26.5
8	25.0	24.0	24.5	26.5	25.0	26.0	29.5	28.0	29.0	26.5	25.0	26.0
9	25.5	24.0	25.0	26.5	25.5	26.0	29.5	27.5	29.0	27.5	25.0	26.5
10	25.5	24.0	25.0	26.5	26.0	26.5	29.0	28.0	29.0	27.5	27.0	27.5
11	24.5	24.0	24.0	26.5	26.0	26.5	29.0	28.0	28.5	27.5	26.0	26.5
12	25.0	23.5	24.5	27.0	26.0	26.5	28.5	27.5	28.0	27.0	25.5	26.0
13	25.5	24.0	24.5	28.0	26.5	27.5	28.5	27.5	28.0	27.0	25.0	26.0
14	25.5	24.0	24.5	28.0	27.0	27.5	29.5	28.5	29.0	28.0	26.5	27.5
15	25.0	24.0	24.5	28.5	27.0	27.5	29.5	29.0	29.0	28.5	27.5	28.0
16	25.0	24.5	24.5	28.0	27.0	27.5	29.5	28.5	29.0	28.5	27.5	28.0
17	25.0	24.5	25.0	28.5	27.5	28.0	29.0	28.0	28.5	28.5	27.5	28.0
18	25.5	25.0	25.5	29.0	28.0	28.5	28.5	27.5	28.0	28.0	27.0	27.5
19	25.5	24.5	25.0	29.0	27.5	28.5	29.0	27.5	28.5	27.5	26.5	27.0
20	24.5	24.0	24.5	28.5	28.0	28.5	29.5	28.5	29.0	27.5	27.0	27.0
21	25.0	23.5	24.5	29.0	28.0	28.5	29.5	29.0	29.0	27.0	26.5	26.5
22	25.0	24.0	24.5	29.0	28.0	28.5	29.0	28.5	28.5	26.5	26.0	26.5
23	25.0	24.5	25.0	29.0	28.5	29.0	29.0	28.5	29.0	26.5	26.0	26.0
24	25.5	24.5	25.0	29.0	27.5	29.0	29.5	28.0	29.0	27.5	26.0	26.5
25	25.5	25.0	25.5	29.0	28.0	28.5	29.5	28.5	29.0	27.5	26.5	26.5
26	26.0	25.5	26.0	29.0	28.0	28.5	29.0	28.0	28.5	27.0	26.0	26.5
27	26.0	25.5	25.5	29.0	28.0	28.5	29.0	28.0	28.5	27.5	26.5	27.0
28	26.0	25.5	25.5	28.5	28.0	28.0	29.0	28.0	28.0	27.5	26.0	27.0
29	26.0	25.0	25.5	29.0	28.0	28.5	28.0	27.5	28.0	27.0	26.5	27.0
30	26.0	25.5	26.0	29.5	28.5	29.0	28.5	28.0	28.0	27.0	25.5	26.5
31	---	---	---	30.0	29.0	29.5	28.5	28.0	28.0	---	---	---
MONTH	27.0	22.0	24.5	30.0	25.0	27.5	30.5	27.5	29.0	28.5	25.0	27.0

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

PH (UNITS), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.3	7.1	7.2	6.1	5.8	5.9	7.3	7.1	7.2	6.9	6.7	6.8
2	7.2	6.9	7.0	6.4	5.7	6.1	7.3	7.1	7.2	6.8	6.7	6.7
3	7.1	6.6	6.9	6.5	6.2	6.4	7.3	7.1	7.2	7.0	6.7	6.9
4	7.0	6.5	6.9	6.9	6.3	6.6	7.3	7.1	7.2	6.9	6.8	6.8
5	7.0	6.9	7.0	6.8	6.0	6.4	7.2	7.1	7.1	7.0	6.8	6.9
6	7.0	6.9	6.9	---	---	---	7.2	6.9	7.0	7.0	6.9	7.0
7	7.0	6.7	6.9	---	---	---	7.0	6.7	6.8	7.2	6.9	7.0
8	7.1	6.8	7.0	---	---	---	7.3	6.5	7.0	7.3	6.8	7.0
9	7.2	6.9	7.0	---	---	---	7.2	6.8	7.0	6.9	6.7	6.8
10	7.2	6.8	6.9	---	---	---	7.1	6.7	7.0	6.8	6.6	6.7
11	7.2	6.6	6.9	---	---	---	6.9	6.7	6.8	6.9	6.5	6.7
12	7.1	6.3	6.7	---	---	---	6.9	6.5	6.8	6.9	6.6	6.8
13	6.8	6.4	6.6	---	---	---	6.8	5.9	6.6	---	---	---
14	6.7	6.2	6.5	---	---	---	7.2	6.7	6.9	---	---	---
15	6.7	6.4	6.6	---	---	---	7.0	6.5	6.8	---	---	---
16	6.7	6.5	6.6	---	---	---	6.9	6.4	6.7	---	---	---
17	6.7	6.3	6.6	---	---	---	6.8	6.7	6.7	---	---	---
18	6.9	6.5	6.7	---	---	---	7.2	6.8	7.0	---	---	---
19	6.9	6.4	6.7	7.2	6.6	7.0	7.3	6.9	7.1	---	---	---
20	6.6	6.4	6.5	7.4	7.1	7.2	7.1	6.7	6.9	---	---	---
21	6.6	6.3	6.4	7.5	7.0	7.4	7.0	6.5	6.8	---	---	---
22	6.5	6.3	6.4	7.2	6.7	7.0	7.1	6.9	7.0	---	---	---
23	6.9	6.0	6.3	7.3	6.9	7.0	7.2	6.8	7.0	---	---	---
24	---	---	---	7.3	7.0	7.2	7.0	6.6	6.9	---	---	---
25	---	---	---	7.5	7.0	7.3	7.0	6.4	6.7	---	---	---
26	---	---	---	7.4	7.1	7.3	6.7	6.2	6.5	---	---	---
27	6.5	5.9	6.1	7.3	7.1	7.2	6.5	6.1	6.4	---	---	---
28	6.6	6.0	6.4	7.2	7.0	7.1	6.4	6.0	6.3	---	---	---
29	6.4	6.0	6.2	7.1	6.9	7.0	6.8	6.4	6.7	---	---	---
30	6.2	6.0	6.1	7.2	7.0	7.1	6.8	6.5	6.7	---	---	---
31	6.2	5.6	5.9	---	---	---	6.9	6.6	6.8	---	---	---
MONTH	7.3	5.6	6.6	---	---	---	7.3	5.9	6.9	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	7.0	6.6	6.8
2	---	---	---	7.1	6.5	6.9	---	---	---	6.9	6.7	6.8
3	---	---	---	7.1	6.7	7.0	6.6	6.3	6.5	6.9	6.7	6.8
4	---	---	---	7.2	6.7	7.0	6.9	6.4	6.6	7.2	6.7	7.0
5	---	---	---	6.9	6.7	6.8	7.1	6.8	7.0	7.2	6.9	7.0
6	---	---	---	---	---	---	7.1	6.7	7.0	7.6	6.9	7.3
7	---	---	---	7.0	6.4	6.7	7.1	7.0	7.0	7.3	7.0	7.2
8	---	---	---	7.0	6.7	6.9	---	---	---	7.0	6.8	6.9
9	---	---	---	7.0	6.7	6.9	---	---	---	6.9	6.7	6.8
10	---	---	---	7.0	6.7	6.9	---	---	---	7.0	6.9	6.9
11	---	---	---	7.2	6.8	7.0	---	---	---	7.3	7.0	7.1
12	---	---	---	7.2	7.1	7.2	---	---	---	7.3	7.0	7.2
13	---	---	---	6.8	6.3	6.6	---	---	---	7.2	7.0	7.1
14	---	---	---	6.7	6.3	6.6	---	---	---	7.2	7.0	7.1
15	---	---	---	7.1	6.4	6.8	---	---	---	7.1	7.0	7.0
16	---	---	---	6.9	6.7	6.8	---	---	---	7.1	6.9	7.0
17	---	---	---	7.0	6.9	7.0	---	---	---	7.2	6.9	7.0
18	---	---	---	7.1	6.8	7.0	---	---	---	7.1	7.0	7.1
19	---	---	---	7.1	6.6	6.9	7.5	7.2	7.3	7.0	6.9	6.9
20	---	---	---	6.9	6.5	6.7	7.1	6.9	7.0	6.9	6.9	6.9
21	---	---	---	6.9	6.4	6.6	---	---	---	6.9	6.8	6.8
22	---	---	---	7.0	6.7	6.9	---	---	---	6.9	6.8	6.9
23	---	---	---	7.1	6.8	7.0	---	---	---	6.9	6.7	6.8
24	---	---	---	7.2	7.1	7.2	---	---	---	6.8	6.7	6.8
25	---	---	---	---	---	---	6.6	6.4	6.5	6.9	6.7	6.7
26	---	---	---	---	---	---	6.8	6.6	6.7	6.8	6.7	6.7
27	---	---	---	6.7	6.6	6.7	6.8	6.5	6.6	6.7	6.6	6.7
28	---	---	---	7.1	6.5	6.7	7.0	6.5	6.8	6.5	6.4	6.5
29	---	---	---	7.1	7.0	7.0	6.9	6.6	6.8	6.7	6.5	6.6
30	---	---	---	7.1	7.0	7.1	6.9	6.7	6.8	6.7	6.6	6.6
31	---	---	---	---	---	---	---	---	---	6.9	6.7	6.8
MONTH	---	---	---	7.2	6.3	6.9	---	---	---	7.6	6.4	6.9

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

PH (UNITS), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.7	6.7	6.8	6.6	6.7	6.8	6.5	6.6	7.4	6.9	7.1
2	6.8	6.6	6.7	6.8	6.6	6.7	6.8	6.6	6.7	7.1	6.8	7.0
3	6.8	6.5	6.7	6.7	6.5	6.6	7.1	6.7	6.9	6.9	6.6	6.7
4	6.9	6.7	6.8	6.7	6.5	6.6	7.0	6.8	6.9	6.8	6.5	6.6
5	6.9	6.6	6.7	6.8	6.6	6.7	6.9	6.7	6.8	6.7	6.4	6.6
6	6.8	6.6	6.7	6.7	6.6	6.6	6.8	6.7	6.7	7.0	6.5	6.8
7	6.9	6.7	6.8	6.7	6.6	6.7	6.8	6.6	6.7	7.0	6.6	6.8
8	7.0	6.7	6.8	6.7	6.4	6.6	6.8	6.6	6.7	7.0	6.6	6.8
9	7.0	6.7	6.9	6.6	6.4	6.5	6.9	6.6	6.7	7.0	6.6	6.8
10	6.9	6.7	6.8	6.5	6.4	6.5	6.9	6.6	6.8	7.0	6.7	6.8
11	6.8	6.6	6.7	6.5	6.4	6.4	6.8	6.7	6.8	7.0	6.1	6.7
12	6.9	6.6	6.8	6.7	6.4	6.6	6.8	6.6	6.7	6.9	6.5	6.7
13	6.9	6.6	6.7	6.9	6.5	6.7	6.7	6.6	6.7	6.8	6.6	6.7
14	6.8	6.7	6.7	7.0	6.6	6.8	6.9	6.6	6.8	7.0	6.8	6.9
15	6.8	6.6	6.7	6.9	6.7	6.8	6.9	6.6	6.8	7.2	6.7	6.9
16	6.8	6.6	6.7	6.9	6.7	6.8	6.9	6.6	6.8	7.4	7.1	7.2
17	6.7	6.6	6.6	6.8	6.6	6.7	6.9	6.7	6.8	7.3	7.2	7.2
18	6.7	6.6	6.6	7.1	6.5	6.8	6.8	6.5	6.7	---	---	---
19	6.6	6.5	6.6	7.2	6.8	7.0	6.9	6.6	6.7	---	---	---
20	6.5	6.5	6.5	7.0	6.8	6.9	6.9	6.7	6.8	---	---	---
21	6.6	6.4	6.5	7.0	6.7	6.8	7.1	6.7	6.9	6.9	6.7	6.8
22	6.6	6.4	6.5	6.9	6.7	6.8	7.2	6.8	7.0	7.1	6.7	6.9
23	6.7	6.5	6.6	6.9	6.7	6.8	7.1	6.8	6.9	6.8	6.7	6.8
24	6.7	6.6	6.6	6.8	6.5	6.7	7.1	6.8	7.0	6.9	6.6	6.8
25	6.7	6.6	6.6	6.7	6.4	6.6	7.1	6.9	7.0	6.9	6.7	6.8
26	6.7	6.6	6.6	6.7	6.6	6.6	7.1	7.0	7.0	6.8	6.5	6.7
27	6.7	6.5	6.6	6.8	6.6	6.7	7.1	7.0	7.0	6.6	6.5	6.6
28	6.7	6.5	6.6	6.7	6.6	6.6	7.0	6.7	6.9	6.6	6.4	6.5
29	6.7	6.6	6.6	6.8	6.6	6.7	6.8	6.6	6.7	6.5	6.4	6.5
30	6.7	6.5	6.6	6.8	6.7	6.7	7.0	6.7	6.9	6.8	6.4	6.6
31	---	---	---	6.9	6.6	6.7	7.3	6.8	7.1	---	---	---
MONTH	7.0	6.4	6.7	7.2	6.4	6.7	7.3	6.5	6.8	7.4	6.1	6.8

02153480 BUFFALO CREEK NEAR BLACKSBURG, S.C.

LOCATION.--Lat 35°07'40", long 81°33'00", Cherokee County, at bridge on State Highway 5, 1.9 miles west of Blacksburg, and at mile 1.5.

DRAINAGE AREA.--176 sq mi.

PERIOD OF RECORD.--Chemical analyses: October 1952 to September 1953, November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 18...	1250	14.5	75	7.0	10.1	350
JAN. 13...	1425	14.0	48	6.3	10.2	16000
MAR. 23...	1400	15.0	80	6.8	9.9	5300
JUNE 13...	1310	21.5	82	6.9	8.6	430
AUG. 24...	0905	22.0	140	7.1	7.9	120
SEP. 27...	1215	22.0	170	7.0	8.6	520

SANTEE RIVER BASIN

02153500 BROAD RIVER NEAR GAFFNEY, S.C.

LOCATION.--Lat 35°05'20", long 81°34'20", Cherokee County, at gaging station on right bank at downstream side of bridge on U.S. Highway 29, 0.3 mile upstream from Cherokee Creek, 4.4 miles downstream from Gaston Shoals Dam, 4.5 miles east of Gaffney, and at mile 270.3.

DRAINAGE AREA.--1,490 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1949 to September 1950, August 1969 to September 1972.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT. 04...	1400	24.0	2120	69	7.3	7.9	190
NOV. 22...	1020	7.5	2210	64	7.2	10.5	80
DEC. 09...	1020	9.5	8050	40	6.8	11.6	2600
JAN. 19...	1025	6.0	3680	58	7.1	12.3	350
FEB. 09...	1030	5.5	2390	50	7.1	12.1	130
MAR. 24...	0740	10.0	4500	48	7.1	10.3	1400
APR. 20...	1020	20.5	2780	62	7.5	8.4	470
MAY 22...	1115	19.5	6900	45	6.8	8.9	3600
JUNE 13...	1330	22.5	2400	63	7.0	8.2	200
JULY 25...	1200	28.5	--	58	6.5	6.2	1100
AUG. 24...	1045	26.5	--	70	7.2	7.4	33

02153505 PEOPLES CREEK NEAR GAFFNEY, S.C.

LOCATION.--Lat 35°03'40", long 81°33'30", Cherokee County, at bridge on County Highway 50, 5.0 miles east of Gaffney, and at mile 0.1.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 18...	1225	14.0	200	7.2	9.5	6000
JAN. 13...	1445	15.0	65	6.5	9.4	20000
MAR. 23...	1415	16.5	160	7.1	8.6	8700
JUNE 13...	1350	20.0	180	7.3	8.2	5900
AUG. 24...	1215	23.0	240	7.1	7.4	--
SEP. 27...	1200	22.0	260	6.8	6.5	880

SANTEE RIVER BASIN

02153680 BROAD RIVER NEAR HICKORY GROVE, S.C.

LOCATION.--Lat 34°56'20", long 81°29'00", York County, at bridge on State Highway 211, 2.0 miles upstream from Thicketty Creek, 4.8 miles southwest of Hickory Grove, 6.9 miles upstream from Pacolet River, and at mile 255.3.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 18...	1155	14.0	60	7.1	10.5	380
JAN. 14...	0825	13.0	52	6.8	10.6	5000
MAR. 24...	0905	9.0	57	7.0	10.6	4600
JUNE 14...	0715	21.0	59	7.2	8.4	--
AUG. 24...	1245	26.0	75	7.2	7.9	67
SEP. 27...	1140	24.5	76	6.9	7.9	130

02153710 THICKETTY CREEK NEAR WILKENSVILLE, S.C.

LOCATION.--Lat 34°54'40", long 81°29'50", Cherokee County, at bridge on State Highways 211-105, 0.8 mile downstream from Gilkey Creek, 4.4 miles south of Wilkensville, and at mile 1.5.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 18...	1145	12.0	90	7.2	10.2	190
JAN. 14...	0840	14.0	44	6.7	9.8	1200
MAR. 24...	0855	8.0	75	6.9	10.2	780
JUNE 14...	0655	18.0	80	7.0	8.9	760
AUG. 24...	1300	22.5	91	7.2	8.3	260
SEP. 27...	1130	21.0	76	7.2	7.9	430

SANTEE RIVER BASIN

02155520 PACOLET RIVER NEAR CHESNEE, S.C.

LOCATION.--Lat 35°06'23", long 81°55'11", Spartanburg County, at bridge on County Highway 43, 3.0 miles upstream from Buck Creek, 3.1 miles downstream from gaging station, 4.5 miles southwest of Chesnee, and at mile 43.4.

DRAINAGE AREA.--212 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 18...	1330	15.5	65	7.3	10.4	280
JAN. 13...	1325	12.5	47	6.7	11.1	1600
MAR. 23...	1315	15.5	45	7.3	10.2	500
JUNE 13...	1220	21.0	54	7.7	9.7	180
AUG. 23...	1135	23.5	65	7.3	8.7	120
SEP. 28...	1125	22.5	62	7.1	8.3	--

SANTEE RIVER BASIN

02155850 PACOLET RIVER AT CLIFTON, S.C.

LOCATION.--Lat 35°58'45", 81°48'55", Spartanburg County, at bridge on County Highway 30, at Clifton, 0.8 mile downstream from Southern Railroad bridge, 1.9 miles upstream from discontinued gaging station, 4.6 miles upstream from Lawsons Fork Creek, and at mile 30.1.

DRAINAGE AREA.--320 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP- ERATURE (DEG C)	SPECI- FIC COND- UCTANCE (MICRO- MHOS)	PH (UNITS)	DIS- SOLVED OXYGEN (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)
NOV.						
18...	1430	16.0	57	7.2	10.4	350
JAN.						
13...	1225	13.0	41	6.6	11.6	4100
MAR.						
23...	1215	14.0	44	7.2	10.5	1500
JUNE						
13...	1120	19.5	56	7.0	9.5	410
AUG.						
23...	1250	23.0	60	7.2	8.1	250
SEP.						
28...	1040	22.5	68	7.1	8.3	1900

SANTEE RIVER BASIN

02156200 LAWSONS FORK CREEK AT WHITNEY, S.C.

LOCATION.--Lat° 34 59'00", long 81°55'43", Spartanburg County, at bridge on U.S. Highway 221, at Whitney, 1.3 miles upstream from Clinchfield Railroad bridge, 5.8 miles upstream from discontinued gaging station, and at mile 12.8.

DRAINAGE AREA.--58.4 sq mi.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP- ERATURE (DEG C)	SPECI- FIC COND- UCTANCE (MICRO- MHOS)	PH (UNITS)	DIS- SOLVED OXYGEN (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)
NOV.						
18...	1400	15.5	54	7.1	10.3	800
JAN.						
13...	1300	13.5	45	6.4	11.0	9200
MAR.						
23...	1240	14.5	48	6.6	10.4	1700
JUNE						
13...	1150	19.5	58	7.0	9.2	1100
AUG.						
23...	1110	21.5	85	6.8	8.3	180
SEP.						
28...	1105	21.5	95	7.2	8.9	410

02156350 PACOLET RIVER AT PACOLET MILLS, S.C.

LOCATION.--Lat 34°55'16", long 81°45'29", Spartanburg County, at bridge on State Highway 150 at Pacolet Mills, 0.1 mile downstream from dam at Pacolet Mill, 4.0 miles downstream from Lawsons Fork Creek, and at mile 21.5.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.							
04...	1310	24.0	530	78	7.6	8.7	650
NOV.							
22...	0930	7.0	470	68	7.2	11.8	15000
DEC.							
09...	0945	9.5	1500	42	6.8	11.9	5800
JAN.							
19...	0945	5.0	590	56	7.0	12.1	4000
FEB.							
09...	0945	4.0	570	58	7.1	12.6	15000
MAR.							
24...	0820	9.0	670	53	7.3	11.1	18000
APR.							
20...	0940	18.5	630	62	7.0	9.2	10000
MAY							
22...	1030	20.0	1000	43	6.9	9.4	1300
JUNE							
14...	0625	19.0	450	63	7.1	8.9	14000
JULY							
25...	1115	26.5	--	60	6.6	7.4	1800

SANTEE RIVER BASIN

02156390 BROAD RIVER DIVERSION CANAL AT LOCKHART, S.C.

LOCATION.--Lat 34°47'20", long 81°27'30", Union County, at bridge on State Highway 9, at Lockhart, 0.9 mile downstream from Thompson Ferry, 2.1 miles upstream from Turkey Creek, and at mile 242.9.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
18...	1120	13.0	58	7.1	10.2	380
JAN.						
14...	0905	13.5	46	6.8	10.6	5100
MAR.						
24...	0935	9.5	55	6.9	10.1	2500
JUNE						
14...	0745	21.5	63	7.1	8.8	100
AUG.						
24...	0735	25.5	65	7.1	7.7	250
SEP.						
27...	1100	23.5	76	7.1	7.9	--

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, S.C.

LOCATION.--Lat 34°35'46", long 81°25'20", Union County, at gaging station on right bank at downstream side of bridge on State Highway 72, 1.3 miles upstream from Sandy River, 2.0 miles downstream from Seaboard Coast Line Railroad bridge, 2.5 miles east of Carlisle, 5.0 miles downstream from Neal Shoals Dam, and at mile 226.0.

DRAINAGE AREA.--2,790 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1947 to September 1948, October 1962 to September 1964, September 1969 to September 1972.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.							
04...	0845	23.5	2320	80	7.1	8.0	230
NOV.							
22...	0830	9.0	3330	68	7.2	10.6	330
DEC.							
09...	0840	8.5	29100	45	6.7	12.4	1700
JAN.							
19...	0845	3.5	5660	56	7.0	12.4	930
FEB.							
09...	0845	5.0	4030	60	7.1	12.0	300
MAR.							
24...	1035	11.5	6720	65	7.2	10.6	3300
APR.							
20...	0835	19.5	3530	71	7.2	8.6	180
MAY							
22...	0720	17.5	12600	52	6.9	9.8	2000
JUNE							
14...	0840	21.5	2450	75	7.4	8.8	50
JULY							
25...	1135	24.0	2300	120	7.0	6.9	300
AUG.							
24...	1205	27.5	2270	70	7.4	8.6	150
SEP.							
27...	1000	24.5	1440	75	6.6	8.4	1900

SANTEE RIVER BASIN

02156600 SANDY RIVER NEAR LEEDS, S.C.

LOCATION.--Lat 34°35'30", long 81°23'40", Chester County, at bridge on State Highway 215, 1.9 miles downstream from Little Sandy River, 2.5 miles south of Leeds, and at mile 2.8.

DRAINAGE AREA.--100 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
26...	0945	4.0	110	7.1	11.7	12000
JAN.						
14...	0945	14.5	64	6.8	9.7	1000
MAR.						
24...	1005	8.5	115	7.0	9.9	3600
JUNE						
14...	0820	18.0	130	7.2	8.1	7900
JULY						
25...	1100	25.0	70	6.4	6.7	170
AUG.						
24...	1220	23.0	135	7.4	8.2	1500
SEP.						
27...	0945	21.0	140	7.3	8.3	--

02157000 NORTH TYGER RIVER NEAR FAIRMONT, S.C.

LOCATION.--Lat 34°55'45", long 82°02'40", Spartanburg County, temperature recorder at gaging station on left bank 80 ft downstream from Frey Creek, 2.2 miles north of Fairmont, and at mile 57.9.

DRAINAGE AREA.--44 sq mi, approximately.

PERIOD OF RECORD.--Water temperatures: October 1966 to September 1972 (discontinued).

EXTREMES, 1971-72.--Water temperatures: Maximum, 22.5°C on several days during July and August; minimum, 3.5°C on many days during January and February.

EXTREMES, 1966-72.--Water temperatures: Maximum, 24.5°C July 28, 29, 1969; minimum, 3.0°C Feb. 26, 1968.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	18.5	18.5	16.0	16.0	8.0	8.0	9.5	7.5	4.5	4.5	6.5	6.5
2	19.5	18.5	16.5	16.0	8.0	7.5	7.5	7.5	4.5	4.5	7.0	6.5
3	19.5	18.5	17.0	16.5	7.5	5.5	7.5	6.5	4.5	4.5	7.0	7.0
4	19.0	18.5	17.0	15.0	5.5	5.0	6.5	6.5	4.5	4.0	7.0	7.0
5	19.0	18.0	15.0	13.5	5.5	5.5	6.5	6.5	4.0	3.5	7.0	7.0
6	19.0	18.5	13.5	13.5	5.5	5.5	6.5	6.5	4.5	3.5	7.0	6.5
7	18.5	15.5	13.5	13.5	6.0	5.5	6.5	5.5	4.5	4.5	6.5	6.5
8	15.5	13.0	13.5	11.5	7.0	6.0	5.5	5.0	4.5	4.5	6.5	6.5
9	14.0	13.5	11.5	10.5	7.5	7.0	5.0	5.0	4.5	4.0	7.5	6.5
10	14.5	13.5	10.5	10.5	8.5	7.5	5.5	5.0	4.0	3.5	7.5	7.0
11	13.5	11.5	10.5	10.5	9.5	8.5	5.5	5.5	3.5	3.5	7.0	7.0
12	13.5	11.5	10.5	10.5	9.5	9.5	6.5	5.5	3.5	3.5	7.0	7.0
13	14.0	12.5	10.5	10.5	9.5	9.5	6.5	6.5	3.5	3.5	7.5	7.0
14	15.0	13.5	10.5	10.5	9.5	9.5	7.0	6.5	3.5	3.5	8.0	7.5
15	15.5	14.5	10.5	10.5	9.5	9.5	7.0	7.0	3.5	3.5	8.0	8.0
16	15.5	15.5	11.0	10.5	10.5	9.5	7.0	5.5	3.5	3.5	8.0	8.0
17	15.5	15.5	11.5	11.0	10.5	10.5	5.5	4.5	4.0	3.5	8.0	8.0
18	15.5	15.5	11.5	11.0	10.5	9.0	4.5	3.5	4.0	3.5	8.0	8.0
19	15.5	15.5	11.5	11.0	9.0	7.5	3.5	3.5	4.0	3.5	8.5	8.0
20	15.5	15.5	11.5	11.5	7.5	7.5	3.5	3.5	4.0	3.5	9.0	8.5
21	15.5	15.5	11.5	10.5	8.5	7.5	4.5	3.5	3.5	3.5	9.0	9.0
22	15.5	15.0	10.5	9.0	8.5	8.5	5.0	4.5	3.5	3.5	9.0	9.0
23	15.5	15.0	9.0	8.0	8.5	7.5	5.5	5.0	3.5	3.5	9.5	9.0
24	15.5	15.5	8.0	7.5	7.5	7.5	5.5	5.5	3.5	3.5	9.5	9.5
25	15.5	15.5	7.5	7.5	7.5	7.5	5.5	5.5	4.5	3.5	9.5	8.5
26	15.5	15.5	7.5	7.5	8.0	7.5	5.5	5.5	5.0	4.5	8.5	8.0
27	15.5	15.5	7.5	7.5	8.5	8.0	5.5	4.5	6.0	5.0	8.5	8.0
28	15.5	15.5	7.5	7.5	9.0	8.5	4.5	4.5	6.0	6.0	8.5	8.5
29	15.5	15.5	7.5	7.5	9.0	9.0	4.5	4.5	6.5	6.0	9.0	8.5
30	15.5	15.5	8.0	7.5	9.5	9.0	4.5	4.5	---	---	9.5	9.0
31	16.0	15.5	---	---	9.5	9.5	4.5	4.5	---	---	9.5	9.5

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	9.5	9.5	13.5	13.5	15.5	14.0	18.5	18.0	22.5	21.5	20.0	20.0
2	9.5	9.5	14.0	13.5	14.5	13.5	18.5	18.5	22.0	21.5	20.0	18.5
3	9.5	9.0	14.5	14.0	15.5	14.5	19.5	18.5	22.5	21.5	19.5	18.5
4	9.5	9.0	14.5	14.0	16.0	15.0	19.5	19.0	22.5	21.5	19.5	19.0
5	9.5	9.5	14.5	14.0	16.5	16.0	19.0	19.0	22.0	22.0	19.5	19.5
6	10.0	9.5	14.0	14.0	16.5	16.5	19.0	18.0	22.0	21.5	19.5	19.0
7	10.5	10.0	14.0	14.0	17.0	16.5	18.0	17.5	22.0	21.5	19.0	18.0
8	11.5	10.5	14.0	14.0	17.0	16.5	18.5	17.5	22.0	22.0	18.5	18.0
9	12.0	11.5	14.0	14.0	16.5	16.5	18.5	17.5	22.0	21.5	19.5	18.5
10	11.5	11.0	14.5	14.0	16.5	16.5	18.5	17.5	22.0	21.5	19.5	19.0
11	11.0	11.0	14.5	13.5	16.5	14.5	18.5	18.0	21.5	20.5	19.0	17.5
12	11.5	11.0	13.5	13.0	15.0	14.0	18.5	18.0	20.5	20.0	18.0	17.0
13	12.5	11.5	13.5	13.0	16.0	14.5	19.5	18.5	20.5	20.5	18.5	17.5
14	13.5	12.5	13.5	13.0	16.5	15.5	20.5	19.0	20.5	20.5	19.0	18.0
15	14.0	13.5	13.5	13.5	18.0	16.5	21.0	20.5	21.0	20.5	19.0	19.0
16	14.5	14.0	13.5	13.5	18.0	18.0	21.5	20.5	21.0	20.5	19.5	18.5
17	14.5	14.5	14.0	13.5	18.0	18.0	21.5	21.0	21.0	19.5	19.5	19.5
18	14.5	14.5	14.5	14.0	19.0	18.0	21.5	21.0	20.5	20.5	19.5	19.0
19	14.5	14.5	14.5	14.5	19.0	18.5	21.5	21.5	21.0	20.5	19.5	19.0
20	14.5	14.5	14.5	14.5	18.5	18.5	22.0	21.0	21.0	21.0	19.5	19.0
21	14.5	14.5	14.5	14.5	18.5	18.5	22.0	21.0	21.0	20.5	19.0	17.5
22	14.5	14.5	14.5	14.5	18.5	18.0	22.0	21.5	20.5	20.0	17.5	17.0
23	14.5	14.0	14.5	14.5	18.0	16.5	22.5	21.5	20.0	20.0	18.0	17.5
24	14.5	14.0	14.5	14.5	17.0	16.5	22.5	22.0	20.0	20.0	18.0	18.0
25	14.5	14.0	15.0	14.5	17.0	16.5	22.5	22.0	21.0	20.5	18.0	17.5
26	14.0	13.5	15.0	15.0	17.5	17.0	22.0	21.5	21.0	20.5	18.5	18.0
27	13.5	13.5	15.0	14.5	17.5	17.5	22.5	22.0	21.0	20.5	19.0	18.5
28	13.5	13.5	14.0	14.5	17.5	17.5	22.5	22.5	21.0	20.5	19.0	19.0
29	13.5	13.5	14.5	14.5	18.0	17.5	22.5	22.5	21.0	20.5	19.0	19.0
30	13.5	13.5	15.5	14.5	18.5	18.0	22.5	22.5	20.5	20.0	19.0	17.5
31	---	---	15.5	15.5	---	---	22.5	22.5	20.5	20.0	---	---

SANTEE RIVER BASIN

02158050 NORTH TYGER RIVER NEAR WOODRUFF, S.C.

LOCATION.--Lat 34°42'20", long 81°57'10", Spartanburg County, at bridge on County Highway 231, 0.2 miles downstream from Wards Creek, 2.2 miles downstream from discontinued gaging station, 3.2 miles upstream from confluence with South Tyger River, 5.7 miles northeast of Woodruff, and at mile 43.0.

DRAINAGE AREA.--162 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPER-ATURE (DEG C)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
18...	0920	11.5	310	8.1	9.1	290
JAN.						
13...	1030	12.5	84	7.2	10.6	500
MAR.						
23...	1010	12.5	135	7.3	9.8	2100
JUNE						
13...	0850	18.0	180	7.4	8.6	3300
AUG.						
23...	0945	22.5	400	8.1	7.5	55
SEP.						
28...	1330	23.0	420	8.4	7.7	1400

SANTEE RIVER BASIN

02158400 SOUTH TYGER RIVER NEAR GREER, S.C.

LOCATION.--34°57'06", long 82°11'06", Spartanburg County, at bridge on U.S. Highway 29, 2.1 miles upstream from Southern Railroad bridge, 3.5 miles east of Greer, and at mile 28.0.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
18...	0845	11.0	40	7.0	10.4	33
JAN.						
13...	0935	11.5	32	6.4	11.2	1400
MAR.						
23...	0935	12.5	37	7.4	10.0	180
JUNE						
13...	0810	19.0	40	7.1	8.5	200
AUG.						
23...	1330	26.0	38	6.7	7.8	150
SEP.						
28...	1230	23.0	40	6.8	7.9	210

SANTEE RIVER BASIN

02159000 SOUTH TYGER RIVER NEAR WOODRUFF, S.C.

LOCATION.--Lat 34°45'21", long 81°56'19", Spartanburg County, at bridge on County Highway 230, 0.4 mile downstream from Ferguson Creek, 2.6 miles upstream from discontinued gaging station, 4.7 miles east of Woodruff, and at mile 3.1.

DRAINAGE AREA.--174 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
18...	1000	11.0	52	6.9	10.1	510
JAN.						
13...	1015	12.0	41	6.7	10.8	1500
MAR.						
23...	1025	13.0	46	7.0	9.9	2000
JUNE						
13...	0905	18.5	48	6.7	8.6	170
AUG.						
23...	0930	22.0	53	6.8	7.9	250
SEP.						
28...	1320	23.0	56	7.3	8.1	390

SANTEE RIVER BASIN

02159500 TYGER RIVER NEAR WOODRUFF, S.C.

LOCATION.--34°45'15", long 81°55'30", Spartanburg County, at discontinued gaging station at bridge on County Highway 50, 0.5 mile downstream from confluence of North and South Tyger Rivers, 4.5 miles upstream from Jimmies Creek, 6.2 mile east of Woodruff, and at mile 30.3.

DRAINAGE AREA.--351 sq mi.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
18...	0945	11.5	170	7.7	10.4	200
JAN.						
13...	1055	12.5	55	6.6	11.0	1700
MAR.						
23...	1115	14.0	65	7.3	10.0	3700
JUNE						
13...	0935	19.0	70	7.0	9.3	600
AUG.						
23...	1005	23.0	210	7.8	7.9	230
SEP.						
28...	1345	23.5	270	7.7	8.6	740

02160105 TYGER RIVER NEAR DELTA, S.C.

LOCATION.--Lat 34°32'07", long 81°32'54", Union County, at gaging station at downstream side of bridge on State Highways 72-121, 0.8 mile southeast of Delta, 0.9 mile downstream from Seaboard Coast Line Railroad bridge, and at mile 9.0.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 26...	1010	4.5	115	7.1	11.9	4300
JAN. 14...	1010	14.0	56	6.7	9.8	1900
MAR. 24...	1055	11.0	100	7.1	9.6	3000
JUNE 14...	0905	20.0	105	7.2	8.4	800
JULY 28...	1300	26.0	130	7.6	7.9	240
AUG. 24...	1150	25.0	150	7.4	7.7	1000
SEP. 27...	1015	23.0	130	7.1	7.7	1700

SANTEE RIVER BASIN

02160500 ENOREE RIVER NEAR ENOREE, S.C.

LOCATION.--Lat 34°36'38", long 81°54'35", Spartanburg County, at bridge on State Highway 49, 60 ft downstream from gaging station, 0.6 mile upstream from Warrior Creek, 4.0 miles southeast of Enoree, and at mile 41.6.

DRAINAGE AREA.--307 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: October 1947 to September 1948, July 1969 to June 1971, November 1971 to August 1972. Water temperatures: October 1966 to September 1972 (discontinued).

EXTREMES, 1971-72.--Water temperatures: Maximum, 23.5°C on many days during July and August; minimum, 4.5°C on several days during December and February.

EXTREMES, 1966-72.--Water temperatures: Maximum, 28.0°C Aug. 22-24, 1968 and June 19, 22, 1970; minimum, 2.0°C Jan. 10, 13, Feb. 14, 1968, and Jan. 12, 13, 1970.

REMARKS.--Temperature recorder at gaging station 60 ft upstream from sampling site. Recorder malfunctioned June 7-14, June 26-July 2, Aug. 19-24, 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO AUGUST 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 18...	1025	11.5	266	70	7.0	10.4	160
JAN. 13...	1120	13.0	1900	45	6.6	10.8	1500
MAR. 23...	1055	13.5	862	57	7.0	10.2	6500
JUNE 13...	1000	19.0	354	58	6.9	9.2	160
JULY 28...	1200	25.0	345	70	7.0	7.7	180
AUG. 23...	0845	22.0	308	60	6.7	8.4	80

02160000 ENOREE RIVER NEAR ENOREE, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	21.5	21.0	17.5	17.5	7.0	7.0	16.0	9.0	7.5	6.5	8.5	8.0
2	21.5	21.0	18.5	17.5	7.0	7.0	9.0	8.5	6.5	6.5	9.5	8.5
3	21.0	21.0	18.5	18.5	7.0	5.0	8.5	8.5	6.5	5.5	9.5	9.5
4	21.0	21.0	18.5	17.5	5.0	4.5	8.5	8.0	5.5	5.5	9.5	9.5
5	21.0	21.0	17.5	15.5	4.5	4.5	8.0	7.5	5.5	5.5	9.5	9.5
6	21.0	21.0	15.5	15.5	4.5	4.5	7.5	7.5	5.5	5.5	9.5	8.5
7	21.0	19.5	15.5	14.5	4.5	4.5	7.5	6.5	5.5	5.0	8.5	8.0
8	19.5	18.5	14.5	13.0	5.5	4.5	6.5	6.5	5.5	5.0	8.5	8.0
9	18.5	18.5	13.0	11.5	5.5	5.5	6.5	6.5	5.5	5.0	8.5	8.5
10	18.5	17.5	11.5	11.5	6.5	5.5	6.5	6.5	5.0	4.5	8.5	8.5
11	17.5	16.0	11.5	11.5	7.5	6.5	7.5	6.5	4.5	4.5	8.5	8.5
12	16.0	15.0	11.5	11.5	8.5	7.5	7.5	7.5	4.5	4.5	8.5	8.5
13	15.5	15.0	11.5	11.5	8.5	8.5	7.5	7.5	4.5	4.5	9.5	8.5
14	16.0	15.5	11.5	11.5	8.5	8.5	8.5	7.5	4.5	4.5	10.0	9.5
15	16.5	16.0	11.5	11.5	9.0	8.5	8.5	8.5	5.0	4.5	10.0	10.0
16	17.5	16.5	11.5	11.0	10.0	9.0	8.5	7.5	5.0	5.0	10.0	10.0
17	17.5	17.5	11.5	11.0	10.5	10.0	7.5	6.5	5.5	5.0	10.0	10.0
18	17.5	17.5	11.5	11.0	10.5	10.0	6.5	6.0	5.5	5.5	10.0	10.0
19	17.5	17.5	11.5	11.0	10.0	8.5	6.0	5.5	5.5	5.5	10.0	9.5
20	17.5	17.5	11.5	11.0	8.5	8.5	5.5	5.5	5.5	5.5	10.0	9.5
21	17.5	17.5	11.5	10.5	8.5	8.5	6.5	5.5	5.5	5.5	10.5	10.0
22	17.5	17.0	10.5	9.5	8.5	8.5	7.0	6.5	5.5	5.5	10.5	10.5
23	17.0	17.0	9.5	8.5	8.5	8.0	7.0	7.0	5.5	5.5	10.5	10.5
24	17.5	17.0	8.5	8.0	8.0	7.5	7.5	7.0	6.0	5.5	10.5	10.5
25	17.0	17.0	8.0	7.5	7.5	7.5	8.0	7.5	6.5	6.0	10.5	9.5
26	17.0	17.0	7.5	6.5	7.5	7.5	8.0	7.5	7.5	6.5	9.5	9.0
27	17.0	17.0	6.5	6.5	8.5	7.5	7.5	7.5	7.5	7.5	9.0	9.0
28	17.0	16.5	6.5	6.5	9.0	8.5	7.5	7.5	7.5	7.5	9.5	9.0
29	17.0	16.5	7.5	6.5	9.5	9.0	7.5	7.5	8.0	7.5	9.5	9.5
30	17.0	16.5	7.5	7.0	9.5	9.5	7.5	7.5	---	---	9.5	9.5
31	17.5	17.0	---	---	10.0	9.5	7.5	7.5	---	---	10.0	9.5
MONTH	21.5	15.0	18.5	6.5	10.5	4.5	10.0	5.5	8.0	4.5	10.5	8.0

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	10.0	9.5	13.5	13.5	17.5	17.5	---	---	23.5	23.5	22.5	22.5
2	9.5	9.5	14.0	13.5	17.5	17.5	---	---	23.5	23.5	22.5	21.0
3	9.5	9.5	14.0	13.5	17.5	17.5	21.5	21.0	23.5	23.5	21.5	21.0
4	9.5	9.5	15.5	15.5	18.0	17.5	21.5	21.5	23.5	23.5	21.5	21.5
5	9.5	9.5	15.5	15.5	18.5	18.0	21.5	21.5	23.5	23.5	21.5	21.5
6	10.5	9.5	15.5	15.5	18.5	18.5	21.5	21.5	23.5	23.5	21.5	21.0
7	11.0	10.5	15.5	15.5	---	---	21.5	21.5	23.5	23.5	21.0	20.0
8	11.5	11.0	15.5	15.5	---	---	21.5	21.5	23.5	23.5	20.0	20.0
9	11.5	11.5	15.5	15.5	---	---	21.5	21.5	23.5	23.5	20.5	20.0
10	11.5	11.0	15.5	15.5	---	---	21.5	21.5	23.5	22.5	20.5	20.0
11	11.0	11.0	15.5	15.5	---	---	21.5	21.5	22.5	22.5	20.5	20.0
12	11.0	11.0	15.5	15.5	---	---	21.5	21.5	22.5	21.0	20.5	18.0
13	12.5	11.0	15.5	15.0	---	---	21.5	21.5	21.5	21.0	19.0	18.0
14	13.5	12.5	15.5	15.0	---	---	22.5	21.5	21.5	21.5	19.5	18.5
15	14.5	13.5	15.5	15.0	---	---	22.5	22.0	22.0	21.5	20.5	19.5
16	15.5	14.5	15.5	15.5	19.5	19.5	22.5	22.5	22.0	22.0	21.0	20.5
17	15.5	15.5	15.5	15.5	19.5	19.5	22.5	22.5	22.0	21.5	21.0	20.5
18	15.5	15.0	16.0	15.5	20.0	19.5	22.5	22.5	21.5	21.5	21.0	20.5
19	15.0	15.0	16.0	15.5	20.0	20.0	22.5	22.5	---	---	20.5	19.5
20	15.0	15.0	16.0	15.5	20.0	20.0	23.0	22.5	---	---	20.0	19.5
21	15.0	15.0	15.5	15.5	20.0	20.0	23.0	22.5	---	---	20.0	19.0
22	15.0	14.0	15.5	15.5	20.0	20.0	23.5	23.0	---	---	19.0	17.5
23	14.0	13.5	17.0	15.5	20.0	20.0	23.5	23.5	---	---	18.5	18.0
24	14.0	13.5	17.0	17.0	20.0	19.5	23.5	23.5	---	---	18.5	18.5
25	14.0	14.0	17.5	17.0	19.5	19.5	23.5	23.5	22.5	22.5	18.5	18.5
26	14.0	13.5	17.5	17.0	---	---	23.5	23.5	22.5	22.5	19.5	18.5
27	13.5	13.0	17.5	17.5	---	---	23.5	23.5	22.5	22.5	19.5	19.5
28	13.0	12.5	17.5	17.5	---	---	23.5	23.5	22.5	22.5	20.0	19.5
29	13.0	12.5	17.5	17.0	---	---	23.5	23.5	22.5	22.5	20.0	20.0
30	13.5	13.0	17.5	17.0	---	---	23.5	23.5	22.5	22.5	20.0	20.0
31	---	---	17.5	17.5	---	---	23.5	23.5	22.5	22.5	---	---
MONTH	15.5	9.5	17.5	13.5	---	---	23.5	21.0	23.5	21.0	22.5	17.5
YEAR	23.5	4.5										

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, S.C.

LOCATION.--Lat 34°30'33", long 81°35'54", Union County, at gaging station at upstream side of bridge on State Highways 72-121, 0.4 mile downstream from Seaboard Coast Line Railroad bridge, 0.5 mile northeast of Whitmire, and at mile 17.6.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPFCI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 26...	1025	4.5	70	6.9	12.0	350
JAN. 14...	1020	14.0	42	6.8	10.1	2100
MAR. 24...	1110	11.5	59	7.1	10.0	1800
JUNE 14...	0920	20.0	65	7.1	8.8	--
JULY 28...	1235	26.0	75	7.1	8.3	50
AUG. 24...	1135	24.5	65	7.0	8.2	1700
SEP. 27...	1030	24.0	82	7.2	8.4	200

SANTEE RIVER BASIN

02161900 LITTLE RIVER NEAR JENKINSVILLE, S.C.

LOCATION.--Lat 34°15'20", long 81°14'10", Fairfield County, at bridge on County Highway 60, 0.2 mile downstream from Morris Creek, 3.3 miles southeast of Jenkinsville, and at mile 9.5.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVFD OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 26...	0815	2.5	100	7.2	12.2	230
JAN. 14...	1140	15.0	48	6.6	9.7	1600
MAR. 24...	1235	12.0	78	7.1	10.3	460
JUNE 14...	1320	22.5	105	7.5	9.3	33
JULY 25...	0800	23.0	94	7.0	7.5	120
AUG. 30...	1015	22.0	110	7.4	8.4	270
SEP. 26...	0755	20.0	120	7.4	8.4	150

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.

LOCATION.--Lat 34 00'08", long 79 56'14", Richland County, at Columbia in South Carolina Electric and Gas powerplant, 0.3 miles upstream from bridge on U.S. Highway 1, and 2.8 miles downstream from dam.

PERIOD OF RECORD.--Chemical analyses: December 1970 to July 1972 (discontinued).
Water temperatures: December 1970 to July 1972 (discontinued).

EXTREMES, 1971-72.--Specific conductance: Maximum, greater than 200 micromhos Mar. 19, May 3, 4, 1972; minimum, 23 micromhos Dec. 9, 10, 1971.
Dissolved oxygen: Maximum, 11.9 mg/l Feb. 21, 1972; minimum, 3.7 mg/l Aug. 8, 1971.
pH: Maximum, 7.7 Mar. 15, 16, 1972; minimum, 5.9 Aug. 6, 1971.
Water temperatures: Maximum, 31.0 C July 7, 1971; minimum, 1.5 C Dec. 4, 1971.

REMARKS.--Records of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JULY 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	94	89	91	78	75	77	91	87	89	50	48	49
2	90	83	86	84	68	73	88	83	86	68	61	63
3	88	81	84	69	66	67	87	83	85	73	69	71
4	90	85	89	76	67	71	89	84	87	75	70	72
5	99	91	95	78	68	73	89	87	87	74	71	72
6	102	97	99	78	66	72	88	86	67	74	60	67
7	105	94	99	71	65	67	86	54	71	64	57	60
8	---	---	---	75	71	73	54	42	47	61	58	60
9	107	96	99	81	76	79	40	23	28	63	61	62
10	98	87	91	85	81	82	44	23	33	68	61	65
11	111	98	104	84	66	82	51	37	44	67	50	62
12	106	95	100	82	77	80	---	---	---	---	---	---
13	104	96	101	84	77	81	72	67	70	---	---	---
14	103	98	101	86	77	80	74	71	73	---	---	---
15	111	102	107	---	---	---	76	73	75	---	---	---
16	106	92	98	93	88	91	75	74	74	---	---	---
17	97	54	84	99	93	95	---	---	---	53	48	50
18	57	51	53	98	93	96	---	---	---	55	51	53
19	62	58	60	96	83	88	---	---	---	56	51	54
20	61	60	60	90	83	87	68	65	67	57	52	54
21	63	60	62	92	88	90	67	54	61	58	53	55
22	67	63	65	95	90	91	---	---	---	74	58	68
23	81	67	74	103	96	100	65	61	62	75	63	68
24	84	60	74	103	97	99	66	61	64	66	62	64
25	60	54	57	100	96	98	68	64	66	64	61	62
26	60	56	58	97	93	95	69	66	67	63	58	61
27	62	59	60	94	88	91	70	65	67	60	55	58
28	64	62	61	90	86	88	67	60	64	62	56	58
29	68	64	66	87	81	84	61	56	58	66	62	65
30	72	68	70	92	87	89	56	50	54	68	65	66
31	77	73	74	---	---	---	52	40	44	73	67	70
MONTH	111	51	81	103	65	84	91	23	66	75	48	62

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JULY 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	76	72	74	67	62	64	61	58	60	70	66	68
2	72	58	65	65	59	62	62	59	60	71	66	69
3	59	49	53	62	58	61	64	60	62	200	66	---
4	57	52	54	65	61	64	64	61	63	200	59	---
5	---	---	---	70	65	67	65	61	62	62	56	59
6	---	---	---	71	66	68	62	54	58	64	59	61
7	65	63	64	68	64	66	58	56	57	62	57	59
8	71	66	68	65	63	64	62	57	59	57	56	56
9	70	63	66	66	64	65	69	63	65	65	52	56
10	67	61	64	66	62	65	70	67	68	92	54	66
11	66	61	63	66	63	65	67	66	66	56	44	49
12	68	66	67	71	63	67	66	61	64	52	48	49
13	69	62	66	68	59	63	63	56	60	53	50	52
14	67	62	64	68	60	66	59	56	57	55	50	52
15	65	56	62	71	65	68	60	55	57	61	36	51
16	57	53	54	70	62	67	57	54	56	51	45	48
17	58	53	55	65	59	62	56	52	54	51	46	49
18	60	54	56	70	64	67	60	57	58	54	48	51
19	66	59	64	200	66	---	62	59	60	57	53	55
20	58	56	57	73	69	71	60	54	57	61	58	59
21	61	59	60	69	65	67	58	54	55	64	59	60
22	62	57	60	69	61	65	64	59	62	62	61	62
23	66	58	62	69	60	65	69	65	67	61	52	55
24	65	56	61	61	58	60	69	62	66	57	53	54
25	63	56	59	61	58	60	69	61	65	58	55	56
26	65	62	64	63	60	61	69	61	65	61	57	59
27	72	65	69	64	61	62	65	59	62	63	61	62
28	73	66	69	66	64	64	62	54	58	67	63	66
29	70	65	68	67	65	65	68	55	60	71	65	68
30	---	---	---	67	56	62	73	60	64	72	70	71
31	---	---	---	58	54	56	---	---	---	70	66	68
MONTH	76	49	63	200	54	64	73	52	61	200	36	58

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	70	65	68	60	56	58	---	---	---	---	---	---
2	68	65	66	181	59	83	---	---	---	---	---	---
3	69	65	67	72	59	63	---	---	---	---	---	---
4	72	67	69	62	57	60	---	---	---	---	---	---
5	71	67	69	100	58	72	---	---	---	---	---	---
6	70	65	68	72	45	51	---	---	---	---	---	---
7	70	66	68	57	53	55	---	---	---	---	---	---
8	70	65	68	58	54	56	---	---	---	---	---	---
9	66	61	64	57	55	56	---	---	---	---	---	---
10	64	61	63	57	53	55	---	---	---	---	---	---
11	73	64	68	53	49	51	---	---	---	---	---	---
12	77	73	75	50	48	49	---	---	---	---	---	---
13	79	76	77	51	48	49	---	---	---	---	---	---
14	79	73	77	49	45	47	---	---	---	---	---	---
15	75	68	71	46	43	45	---	---	---	---	---	---
16	71	62	66	76	41	50	---	---	---	---	---	---
17	65	62	63	83	46	61	---	---	---	---	---	---
18	71	66	69	---	---	---	---	---	---	---	---	---
19	72	66	69	---	---	---	---	---	---	---	---	---
20	138	64	77	---	---	---	---	---	---	---	---	---
21	78	60	65	---	---	---	---	---	---	---	---	---
22	59	43	48	---	---	---	---	---	---	---	---	---
23	44	37	41	---	---	---	---	---	---	---	---	---
24	38	36	37	---	---	---	---	---	---	---	---	---
25	40	38	39	---	---	---	---	---	---	---	---	---
26	51	39	45	---	---	---	---	---	---	---	---	---
27	53	51	52	---	---	---	---	---	---	---	---	---
28	55	52	54	---	---	---	---	---	---	---	---	---
29	56	52	54	---	---	---	---	---	---	---	---	---
30	56	55	56	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	138	36	62	---	---	---	---	---	---	---	---	---
YEAR	200	23	66									

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JULY 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	8.5	8.1	8.2	---	---	---	---	---	---
4	8.0	7.4	7.6	9.0	8.2	8.6	---	---	---	---	---	---
5	8.2	7.8	8.0	9.0	6.2	8.2	---	---	---	---	---	---
6	8.5	7.9	8.2	---	---	---	---	---	---	---	---	---
7	8.8	8.1	8.5	---	---	---	---	---	---	---	---	---
8	---	---	---	9.6	9.4	9.5	---	---	---	---	---	---
9	8.0	7.9	8.0	10.2	9.6	10.0	---	---	---	---	---	---
10	9.1	8.1	8.5	10.6	10.2	10.4	---	---	---	---	---	---
11	9.0	8.1	8.5	11.2	10.5	10.8	---	---	---	---	---	---
12	8.9	8.3	8.6	11.0	10.4	10.7	---	---	---	---	---	---
13	8.8	8.4	8.6	10.7	10.5	10.6	10.7	8.3	10.0	---	---	---
14	9.0	8.5	8.7	10.5	10.1	10.3	---	---	---	---	---	---
15	9.2	8.5	8.8	10.3	9.6	10.0	---	---	---	---	---	---
16	9.4	8.3	8.7	10.2	9.4	9.8	---	---	---	---	---	---
17	8.6	7.8	8.1	10.3	10.0	10.1	---	---	---	11.2	11.1	11.1
18	8.9	7.5	8.4	10.5	7.3	9.0	---	---	---	---	---	---
19	---	---	---	10.6	9.6	10.4	---	---	---	---	---	---
20	---	---	---	10.7	9.9	10.2	---	---	---	---	---	---
21	---	---	---	10.5	10.1	10.2	---	---	---	---	---	---
22	---	---	---	10.7	10.2	10.5	---	---	---	---	---	---
23	9.7	8.2	9.0	10.8	8.3	10.5	---	---	---	---	---	---
24	9.7	6.7	8.6	10.9	10.1	10.5	---	---	---	---	---	---
25	7.2	5.6	6.0	11.4	10.5	10.9	---	---	---	---	---	---
26	7.4	5.9	6.7	11.6	10.0	10.7	---	---	---	---	---	---
27	9.5	6.9	8.1	10.2	9.3	9.9	---	---	---	---	---	---
28	8.8	8.4	8.5	10.5	9.0	10.0	---	---	---	---	---	---
29	8.6	8.4	8.5	11.4	11.2	11.3	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	11.3	10.4	10.7
MONTH	---	---	---	11.6	6.2	10.1	---	---	---	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.6	11.4	11.5	11.0	10.4	10.7	9.7	9.2	9.4	9.5	8.9	9.2
2	11.7	11.5	11.6	10.8	9.9	10.4	9.0	7.5	8.3	9.5	8.7	9.1
3	11.7	11.4	11.6	10.8	10.0	10.4	10.6	10.2	10.4	9.0	8.4	8.6
4	11.7	11.5	11.6	10.8	10.2	10.5	10.4	10.1	10.3	8.9	8.2	8.5
5	---	---	---	10.7	10.0	10.3	10.4	9.8	10.1	8.8	8.3	8.5
6	---	---	---	11.0	10.5	10.7	10.4	9.9	10.1	8.6	8.2	8.4
7	10.8	10.7	10.7	11.2	10.4	11.0	10.3	9.6	9.9	8.6	8.3	8.4
8	10.4	10.1	10.2	11.4	10.6	11.1	10.2	9.6	9.9	8.8	8.0	8.2
9	---	---	---	11.5	11.0	11.2	---	---	---	8.3	7.9	8.1
10	---	---	---	11.6	10.9	11.4	---	---	---	8.3	8.0	8.1
11	---	---	---	11.6	10.7	11.4	9.8	9.6	9.7	8.4	8.0	8.3
12	---	---	---	11.7	10.6	11.3	9.8	9.6	9.7	8.3	7.9	8.0
13	---	---	---	11.7	10.6	11.2	9.8	9.4	9.6	8.1	7.7	7.9
14	---	---	---	11.7	10.8	11.2	9.4	8.8	8.9	8.3	7.8	8.1
15	---	---	---	11.5	10.5	11.0	8.8	8.5	8.7	8.7	8.2	8.5
16	---	---	---	11.3	9.9	10.5	8.7	8.3	8.4	9.0	8.8	8.9
17	11.8	11.4	11.7	10.5	9.8	10.1	8.6	8.1	8.3	9.0	8.9	8.9
18	11.8	11.0	11.4	10.4	9.9	10.2	8.7	8.1	8.4	---	---	---
19	11.6	10.7	11.0	10.7	10.0	10.3	8.6	7.7	8.1	---	---	---
20	11.8	11.5	11.7	11.1	10.1	10.5	8.5	8.0	8.3	---	---	---
21	11.9	11.7	11.8	---	---	---	8.6	8.1	8.3	---	---	---
22	11.7	11.5	11.6	10.7	9.8	10.2	8.5	8.1	8.3	8.7	8.6	8.6
23	11.8	11.4	11.6	10.6	9.3	9.7	8.7	8.3	8.5	8.8	8.5	8.7
24	11.8	11.5	11.6	9.6	9.3	9.4	8.8	8.4	8.6	8.6	8.3	8.5
25	11.6	11.2	11.4	---	---	---	8.9	8.2	8.5	8.4	7.6	8.2
26	11.4	10.9	11.3	---	---	---	9.2	8.5	8.8	8.4	7.8	8.1
27	11.3	10.6	11.1	---	---	---	9.3	8.8	9.1	8.4	8.0	8.2
28	11.4	11.0	11.2	10.6	10.5	10.5	9.4	8.8	9.1	8.4	8.3	8.3
29	11.6	10.7	11.0	10.6	10.4	10.5	9.5	8.8	9.1	8.5	8.3	8.4
30	---	---	---	10.4	10.0	10.2	9.5	8.8	9.1	8.5	8.3	8.4
31	---	---	---	10.0	9.7	9.8	---	---	---	8.4	8.0	8.1
MONTH	---	---	---	11.7	9.3	10.6	10.6	7.5	9.1	9.5	7.6	8.4

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JULY 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.6	8.1	8.3	---	---	---	---	---	---	---	---	---
2	8.6	8.3	8.4	---	---	---	---	---	---	---	---	---
3	8.7	8.1	8.4	8.2	7.2	7.5	---	---	---	---	---	---
4	8.9	8.2	8.4	7.5	6.7	7.0	---	---	---	---	---	---
5	8.8	8.1	8.4	6.8	6.1	6.5	---	---	---	---	---	---
6	8.5	7.3	7.9	---	---	---	---	---	---	---	---	---
7	7.6	7.2	7.4	8.0	7.5	7.8	---	---	---	---	---	---
8	7.4	7.0	7.2	7.8	7.1	7.4	---	---	---	---	---	---
9	7.7	7.0	7.4	7.9	7.3	7.7	---	---	---	---	---	---
10	7.6	7.0	7.3	8.2	7.9	8.1	---	---	---	---	---	---
11	8.2	7.3	7.7	8.3	7.8	8.0	---	---	---	---	---	---
12	8.2	7.5	7.9	8.2	7.7	7.8	---	---	---	---	---	---
13	8.1	7.5	7.8	7.9	7.7	7.8	---	---	---	---	---	---
14	8.2	7.5	7.9	7.9	7.6	7.7	---	---	---	---	---	---
15	8.5	7.6	8.0	8.0	7.5	7.8	---	---	---	---	---	---
16	8.4	7.6	8.0	8.0	7.4	7.7	---	---	---	---	---	---
17	8.4	7.5	7.9	8.1	7.2	7.7	---	---	---	---	---	---
18	8.2	7.3	7.8	---	---	---	---	---	---	---	---	---
19	8.4	7.5	7.8	---	---	---	---	---	---	---	---	---
20	8.0	7.7	7.8	---	---	---	---	---	---	---	---	---
21	7.8	7.5	7.7	---	---	---	---	---	---	---	---	---
22	8.3	7.7	8.1	---	---	---	---	---	---	---	---	---
23	8.4	7.2	8.2	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	7.7	5.5	7.5	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	8.9	5.5	7.9	---	---	---	---	---	---	---	---	---
YEAR	11.9	5.5	9.2									

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JULY 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	23.0	23.5	---	---	---	8.0	7.0	7.5	14.0	13.0	13.5
2	25.0	22.5	23.5	---	---	---	7.0	5.5	6.0	13.5	11.5	12.0
3	25.0	23.0	24.5	21.5	20.5	21.0	5.5	2.0	3.5	12.0	10.5	11.0
4	25.0	24.0	24.5	20.0	17.0	18.5	3.5	1.5	2.0	11.0	10.5	11.0
5	25.0	23.5	24.5	18.0	16.5	16.5	3.5	2.5	3.0	11.0	10.0	10.5
6	25.5	24.0	24.5	16.5	15.5	16.0	6.0	3.5	5.0	10.0	9.0	9.5
7	25.0	23.5	24.0	17.0	15.0	16.5	9.0	6.0	7.5	9.5	8.5	9.0
8	---	---	---	15.0	13.0	14.0	---	---	---	9.0	7.5	8.5
9	22.0	21.5	21.5	13.5	12.5	13.0	---	---	---	9.0	8.0	8.5
10	22.0	20.5	21.5	12.5	11.0	12.0	---	---	---	9.5	8.0	9.0
11	20.0	18.0	19.0	12.0	10.0	11.0	---	---	---	10.5	9.5	10.0
12	19.5	17.5	18.5	12.0	10.0	11.0	---	---	---	---	---	---
13	18.5	17.0	17.5	13.0	10.0	11.5	13.5	13.0	13.5	---	---	---
14	19.0	17.5	18.5	14.5	11.5	13.0	13.0	12.0	12.5	---	---	---
15	19.5	17.5	19.0	14.0	12.0	13.0	14.0	13.0	13.0	---	---	---
16	22.0	19.0	20.5	13.5	10.0	12.0	14.0	13.5	14.0	---	---	---
17	21.0	20.0	20.5	13.5	12.0	12.5	---	---	---	7.5	6.0	7.0
18	19.5	19.0	19.5	13.5	11.5	12.5	---	---	---	5.5	3.5	4.5
19	21.5	18.5	20.5	14.0	12.0	13.0	---	---	---	5.0	3.0	4.0
20	23.5	19.5	21.0	14.0	12.0	13.0	12.0	11.5	11.5	7.5	2.5	5.0
21	24.5	22.5	23.0	12.5	10.5	11.5	12.0	11.5	11.5	8.5	6.0	7.5
22	24.5	18.0	22.5	12.0	10.5	11.5	---	---	---	11.0	8.5	10.0
23	22.5	16.0	18.5	10.0	8.5	9.0	10.5	9.5	10.0	12.0	9.5	11.0
24	18.5	15.0	16.5	9.5	7.5	8.5	10.5	8.5	9.5	11.5	9.5	11.0
25	22.0	17.0	20.0	8.5	6.5	7.5	10.5	8.5	9.5	12.0	11.0	11.5
26	23.0	16.0	19.5	7.5	5.5	6.0	10.5	9.0	10.0	11.5	9.0	10.5
27	19.5	14.0	17.5	11.5	6.5	8.5	11.5	9.0	10.5	11.0	9.5	10.5
28	19.0	17.0	18.0	10.0	6.5	8.5	13.0	11.0	12.0	11.5	10.5	11.0
29	18.5	18.0	18.5	9.5	8.5	9.0	13.5	12.5	13.0	11.0	10.0	10.5
30	18.5	18.0	18.5	8.5	7.5	8.0	14.0	12.5	13.0	11.0	10.0	10.5
31	19.5	18.5	19.0	---	---	---	16.0	14.0	15.0	11.0	9.5	10.5
MONTH	25.5	14.0	20.5	21.5	5.5	12.0	---	---	---	14.0	2.5	9.5

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JULY 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	7.0	7.5	14.5	12.0	13.5	13.0	11.5	12.5	21.0	18.5	19.5
2	7.0	6.5	6.5	16.0	14.0	15.0	12.5	11.0	12.0	21.5	19.0	20.0
3	7.0	5.5	6.0	16.0	15.0	15.5	13.0	10.5	12.0	22.5	20.5	21.5
4	5.5	4.5	5.0	16.0	14.5	15.0	14.0	12.0	13.0	23.0	20.5	22.0
5	---	---	---	15.0	14.0	14.5	14.5	12.5	14.0	22.5	21.0	21.5
6	---	---	---	14.0	11.5	12.5	16.5	13.5	15.0	21.5	20.0	21.0
7	6.5	6.0	6.5	13.0	11.0	12.0	17.5	15.5	16.5	21.0	19.5	20.5
8	6.0	5.0	5.5	12.5	11.5	12.0	18.0	16.5	17.5	21.0	20.0	20.5
9	6.0	5.0	5.5	11.5	10.0	11.0	16.5	15.0	15.5	22.5	20.0	21.5
10	6.0	4.5	5.0	11.5	9.5	10.5	16.0	14.0	15.0	22.0	20.0	21.0
11	7.5	5.5	6.0	12.0	10.5	11.0	15.5	14.5	15.0	21.5	19.0	20.0
12	6.5	5.5	6.0	13.0	10.0	11.5	16.0	14.5	15.0	20.5	18.0	19.5
13	8.5	6.0	7.0	13.5	11.0	12.0	18.5	15.0	16.5	20.0	19.0	19.5
14	8.0	6.5	7.5	15.0	12.5	13.5	20.0	17.0	18.5	21.5	19.0	20.5
15	9.0	7.0	8.0	16.0	12.5	14.5	22.0	18.5	20.5	20.5	18.5	19.5
16	9.0	8.5	8.5	17.0	15.0	16.0	22.5	20.5	21.5	19.5	17.5	18.5
17	9.5	8.0	8.5	16.5	15.0	16.0	22.5	21.0	22.0	19.5	17.0	18.5
18	9.5	8.0	9.0	15.0	13.5	14.5	21.5	20.0	21.0	19.5	18.0	19.0
19	8.0	6.5	7.0	15.5	13.5	14.5	21.5	20.0	21.0	20.0	18.5	19.0
20	7.0	5.5	6.0	15.0	13.0	14.5	23.0	20.5	22.0	20.5	18.5	19.0
21	7.0	5.0	6.0	15.5	14.5	15.0	22.5	19.5	21.5	20.0	18.5	20.0
22	9.0	6.5	7.5	17.0	15.0	16.0	19.5	18.5	19.0	19.5	18.5	19.0
23	8.5	6.5	7.0	16.5	14.5	15.5	20.0	17.5	18.5	19.0	18.5	19.0
24	9.5	6.5	7.5	15.5	13.5	14.5	20.5	18.5	19.5	20.5	18.5	19.5
25	10.0	8.5	9.5	14.0	12.0	13.0	20.5	17.5	19.0	21.5	19.0	20.5
26	11.5	10.0	10.5	12.0	10.0	11.0	19.0	17.0	18.0	21.0	20.0	20.5
27	11.5	9.5	10.5	11.5	10.5	11.0	19.0	16.0	17.5	21.0	20.5	20.5
28	12.0	9.5	10.5	11.5	11.0	11.0	19.0	17.0	18.0	20.5	20.0	20.0
29	13.5	11.0	12.0	12.0	11.0	12.0	19.5	18.0	18.5	20.5	19.5	20.0
30	---	---	---	13.5	12.0	12.5	20.0	18.0	19.0	22.0	20.0	21.0
31	---	---	---	13.0	12.0	13.0	---	---	---	23.5	21.5	22.0
MONTH	13.5	4.5	7.5	17.0	9.5	13.5	23.0	10.5	17.5	23.5	17.0	20.0

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	21.0	22.0	26.5	24.5	25.5	---	---	---	---	---	---
2	23.0	21.0	22.0	27.0	25.0	26.0	---	---	---	---	---	---
3	24.0	21.5	23.0	27.5	25.0	26.5	---	---	---	---	---	---
4	24.5	21.5	23.0	28.5	27.0	27.5	---	---	---	---	---	---
5	25.0	22.5	24.0	27.5	25.0	26.0	---	---	---	---	---	---
6	27.0	23.5	25.0	25.5	23.0	23.5	---	---	---	---	---	---
7	27.0	25.0	26.0	24.0	22.5	23.0	---	---	---	---	---	---
8	27.0	24.5	25.5	24.5	22.0	23.5	---	---	---	---	---	---
9	27.5	25.0	26.5	25.0	23.0	24.0	---	---	---	---	---	---
10	28.0	26.0	27.0	25.5	23.5	25.0	---	---	---	---	---	---
11	27.5	24.5	25.5	25.5	25.0	25.0	---	---	---	---	---	---
12	25.5	23.0	24.5	25.5	24.5	25.0	---	---	---	---	---	---
13	26.0	23.5	25.0	26.5	24.5	25.5	---	---	---	---	---	---
14	27.0	24.5	25.5	27.5	26.0	26.5	---	---	---	---	---	---
15	27.5	24.5	26.0	28.5	25.5	27.0	---	---	---	---	---	---
16	27.5	25.0	26.5	29.0	26.5	28.0	---	---	---	---	---	---
17	28.5	26.5	27.5	29.5	27.0	28.5	---	---	---	---	---	---
18	28.0	27.0	27.5	---	---	---	---	---	---	---	---	---
19	28.0	25.0	26.5	---	---	---	---	---	---	---	---	---
20	25.5	24.5	25.0	---	---	---	---	---	---	---	---	---
21	25.0	24.0	24.5	---	---	---	---	---	---	---	---	---
22	23.0	21.0	22.0	---	---	---	---	---	---	---	---	---
23	21.0	19.0	20.0	---	---	---	---	---	---	---	---	---
24	22.5	19.5	21.0	---	---	---	---	---	---	---	---	---
25	22.5	20.0	21.0	---	---	---	---	---	---	---	---	---
26	23.5	21.5	22.5	---	---	---	---	---	---	---	---	---
27	24.5	22.5	23.0	---	---	---	---	---	---	---	---	---
28	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
29	25.5	23.5	24.5	---	---	---	---	---	---	---	---	---
30	25.5	24.0	25.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	28.5	19.0	24.5	---	---	---	---	---	---	---	---	---
YEAR	29.5	1.5	16.0									

SANTEE RIVER BASIN

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JULY 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.9	7.0	---	---	---	7.1	7.0	7.0	7.2	7.1	7.1
2	7.0	6.8	6.9	---	---	---	7.1	7.0	7.1	7.3	7.2	7.2
3	7.0	6.9	6.9	6.5	6.4	6.5	7.1	7.0	7.1	7.4	6.9	7.3
4	7.1	6.7	6.9	6.7	6.6	6.7	7.0	6.9	7.0	7.3	6.8	7.2
5	7.0	6.8	6.9	7.0	6.6	6.8	7.0	6.9	6.9	7.3	7.3	7.3
6	7.1	6.9	7.0	6.9	6.7	6.7	6.9	6.6	6.9	7.4	7.2	7.3
7	7.1	6.9	7.1	6.8	6.7	6.7	6.9	6.7	6.8	7.2	7.1	7.2
8	---	---	---	6.9	6.6	6.8	6.7	6.5	6.6	7.1	7.0	7.1
9	7.1	7.0	7.1	6.9	6.7	6.8	6.5	6.3	6.4	7.1	7.1	7.1
10	7.1	6.9	7.0	6.9	6.9	6.9	6.3	6.2	6.3	7.1	7.0	7.1
11	7.0	6.8	6.9	7.0	6.9	6.9	6.3	6.2	6.2	7.0	6.8	6.9
12	7.1	6.8	6.9	7.0	6.9	7.0	---	---	---	---	---	---
13	7.1	7.0	7.1	7.0	7.0	7.0	6.7	6.3	6.6	---	---	---
14	7.2	7.1	7.2	7.0	6.9	7.0	6.9	6.7	6.8	---	---	---
15	7.4	7.1	7.2	7.0	7.0	7.0	6.9	6.8	6.9	---	---	---
16	7.2	7.0	7.1	7.1	6.6	6.9	6.9	6.9	6.9	---	---	---
17	7.0	6.3	6.8	7.1	6.9	6.9	---	---	---	6.7	6.3	6.6
18	6.5	6.0	6.3	7.1	7.0	7.0	---	---	---	7.4	6.3	6.7
19	6.6	6.5	6.6	7.1	6.9	7.0	---	---	---	7.2	6.7	7.0
20	6.5	6.5	6.5	7.1	6.9	7.0	6.9	6.7	6.9	6.8	6.6	6.7
21	6.7	6.5	6.6	7.1	7.0	7.0	7.1	6.9	7.0	7.5	6.6	7.0
22	6.7	6.5	6.7	7.1	6.8	7.0	---	---	---	7.6	7.2	7.4
23	6.8	6.6	6.7	7.1	7.1	7.1	7.1	6.8	7.0	7.1	6.8	6.9
24	6.8	6.5	6.7	7.1	7.0	7.1	7.1	7.0	7.1	6.8	6.6	6.7
25	6.5	6.3	6.4	7.1	7.1	7.1	7.2	7.1	7.1	7.0	6.8	6.9
26	6.5	6.3	6.4	7.1	7.0	7.0	7.2	7.1	7.1	7.0	6.9	7.0
27	6.6	6.5	6.6	7.0	6.9	7.0	7.2	6.7	7.1	7.0	6.8	6.9
28	6.8	6.4	6.6	7.0	6.9	6.9	7.2	7.1	7.1	7.0	6.9	7.0
29	6.7	6.6	6.6	7.0	6.6	6.9	7.2	7.1	7.1	7.0	7.0	7.0
30	6.7	6.7	6.7	7.1	6.9	7.0	7.2	7.1	7.2	7.0	7.0	7.0
31	6.9	6.7	6.8	---	---	---	7.2	7.1	7.1	7.1	6.8	7.0
MONTH	7.4	6.0	6.8	7.1	6.4	6.9	7.2	6.2	6.9	7.6	6.3	7.0

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	7.0	7.0	7.1	7.0	7.1	6.8	6.8	6.8	7.2	6.6	7.0
2	7.0	6.9	6.9	7.1	7.0	7.0	6.9	6.8	6.8	7.0	6.7	6.9
3	6.9	6.7	6.8	7.2	7.0	7.1	6.9	6.6	6.9	6.7	6.6	6.7
4	6.8	6.7	6.8	7.2	7.0	7.0	7.0	6.9	6.9	6.8	6.6	6.7
5	---	---	---	7.1	7.0	7.0	7.1	6.9	7.0	6.7	6.5	6.6
6	---	---	---	7.0	6.8	7.0	7.1	6.9	7.0	6.7	6.4	6.4
7	6.8	6.7	6.8	7.1	6.9	7.0	7.0	6.9	6.9	6.8	6.5	6.6
8	7.0	6.8	6.9	7.1	6.9	7.0	7.0	6.9	6.9	6.7	6.5	6.6
9	7.0	6.8	6.9	7.2	7.0	7.1	7.1	6.9	7.0	6.9	6.7	6.8
10	7.1	7.0	7.0	7.3	7.0	7.1	7.1	6.9	7.0	6.9	6.7	6.8
11	7.1	7.0	7.0	7.3	7.0	7.1	7.0	6.8	6.9	6.8	6.7	6.7
12	7.1	7.0	7.1	7.4	7.0	7.2	7.0	6.9	6.9	6.7	6.5	6.6
13	7.2	7.0	7.1	7.4	6.8	7.2	7.0	6.9	7.0	6.6	6.4	6.5
14	7.2	6.7	7.0	7.4	7.0	7.2	7.0	6.8	6.8	6.6	6.3	6.5
15	6.9	6.9	6.9	7.7	7.0	7.3	6.9	6.7	6.8	6.6	6.3	6.5
16	6.9	6.9	6.9	7.7	7.0	7.2	6.8	6.7	6.7	6.3	6.0	6.2
17	6.9	6.9	6.9	7.1	6.9	7.0	6.8	6.6	6.7	6.7	6.3	6.4
18	7.0	6.9	6.9	7.2	7.1	7.2	6.9	6.7	6.8	6.9	6.7	6.8
19	7.0	6.9	7.0	7.2	7.0	7.1	6.9	6.8	6.8	6.8	6.5	6.7
20	6.9	6.9	6.9	7.3	6.8	7.1	6.9	6.8	6.9	6.7	6.5	6.6
21	7.0	6.9	6.9	7.4	6.9	7.1	6.9	6.8	6.9	6.8	6.6	6.7
22	7.0	6.9	6.9	7.4	6.9	7.1	6.9	6.8	6.9	6.8	6.5	6.6
23	7.0	6.8	7.0	7.4	6.9	7.0	7.0	6.9	6.9	6.6	6.5	6.5
24	7.0	7.0	7.0	6.9	6.8	6.8	7.1	6.7	7.0	6.6	6.5	6.6
25	7.1	6.9	7.0	6.8	6.8	6.8	7.2	6.9	7.0	6.7	6.6	6.6
26	7.1	7.0	7.0	6.9	6.8	6.8	7.1	6.9	7.0	6.8	6.7	6.7
27	7.1	7.0	7.0	7.0	6.9	6.9	7.2	6.9	7.0	6.8	6.7	6.8
28	7.1	6.8	7.0	7.0	6.6	6.9	7.2	7.0	7.1	6.9	6.8	6.8
29	7.2	7.0	7.1	7.0	6.9	6.9	7.2	7.0	7.1	6.9	6.8	6.8
30	---	---	---	7.0	6.8	6.9	7.2	7.0	7.1	6.9	6.6	6.8
31	---	---	---	6.8	6.7	6.8	---	---	---	6.8	6.7	6.8
MONTH	7.2	6.7	7.0	7.7	6.6	7.0	7.2	6.6	6.9	7.2	6.0	6.7

02162105 BROAD RIVER DIVERSION CANAL AT COLUMBIA, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JULY 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.8	6.8	6.8	6.7	6.7	---	---	---	---	---	---
2	6.9	6.8	6.8	6.8	6.7	6.8	---	---	---	---	---	---
3	6.9	6.7	6.8	6.9	6.6	6.8	---	---	---	---	---	---
4	6.9	6.8	6.9	6.8	6.6	6.7	---	---	---	---	---	---
5	6.9	6.6	6.8	6.8	6.7	6.7	---	---	---	---	---	---
6	6.9	6.7	6.8	6.7	6.1	6.4	---	---	---	---	---	---
7	6.9	6.7	6.8	6.7	6.5	6.6	---	---	---	---	---	---
8	6.9	6.7	6.8	6.7	6.6	6.7	---	---	---	---	---	---
9	7.0	6.7	6.8	6.7	6.7	6.7	---	---	---	---	---	---
10	7.0	6.7	6.8	6.8	6.6	6.7	---	---	---	---	---	---
11	7.1	6.7	6.9	6.8	6.7	6.7	---	---	---	---	---	---
12	7.1	6.6	6.9	6.8	6.7	6.7	---	---	---	---	---	---
13	7.1	6.8	6.9	6.8	6.7	6.8	---	---	---	---	---	---
14	7.1	6.8	6.9	6.9	6.7	6.8	---	---	---	---	---	---
15	7.1	6.8	6.9	7.0	6.8	6.8	---	---	---	---	---	---
16	7.1	6.8	7.0	7.0	6.6	6.8	---	---	---	---	---	---
17	7.1	6.8	6.9	6.9	6.7	6.8	---	---	---	---	---	---
18	7.1	6.8	6.9	---	---	---	---	---	---	---	---	---
19	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
20	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
21	6.8	6.6	6.7	---	---	---	---	---	---	---	---	---
22	6.6	6.1	6.4	---	---	---	---	---	---	---	---	---
23	6.2	6.0	6.1	---	---	---	---	---	---	---	---	---
24	6.3	6.1	6.2	---	---	---	---	---	---	---	---	---
25	6.4	6.2	6.3	---	---	---	---	---	---	---	---	---
26	6.4	6.1	6.3	---	---	---	---	---	---	---	---	---
27	6.5	6.4	6.5	---	---	---	---	---	---	---	---	---
28	6.6	6.5	6.6	---	---	---	---	---	---	---	---	---
29	6.7	6.6	6.6	---	---	---	---	---	---	---	---	---
30	6.7	6.6	6.7	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	7.1	6.0	6.7	---	---	---	---	---	---	---	---	---
YEAR	7.7	6.0	6.9									

02162300 SOUTH SALUDA RIVER NEAR MARIETTA, S.C.

LOCATION.--Lat 35°02'20", long 82°35'20", Greenville County, at bridge on County Highway 101, 3.0 miles upstream from Oolenoy River, 5.0 miles west of Marietta, and at mile 159.3.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
17...	1520	16.5	19	6.5	10.1	60
JAN.						
13...	0810	11.0	17	6.3	11.3	190
MAR.						
23...	0810	10.0	17	6.9	10.4	74
JUNE						
13...	0640	17.0	23	6.8	8.7	46
AUG.						
23...	1140	22.0	25	6.5	8.5	29
SEP.						
12...	1055	18.5	26	6.7	9.7	89

SANTEE RIVER BASIN

02162400 NORTH SALUDA RIVER AT MARIETTA, S.C.

LOCATION.--Lat 35°01'00", long 82°29'44", Greenville County, at bridge on U.S. Highway 276, at Marietta, 0.4 mile downstream from Greenville and Northern Railroad bridge, 0.8 mile upstream from Beaverdam Creek, and at mile 6.0.

DRAINAGE AREA.--66.4 sq mi.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV.						
17...	1500	16.5	42	6.8	9.7	--
JAN.						
13...	0750	11.0	33	6.3	10.2	1300
MAR.						
23...	0750	9.5	32	6.8	10.3	1400
JUNE						
13...	0620	16.0	40	6.4	8.8	2700
AUG.						
23...	1200	20.5	42	6.4	8.6	9000
SEP.						
12...	1120	17.0	42	6.6	9.2	13000

02162450 SALUDA RIVER NEAR TRAVELERS REST, S.C.

LOCATION.--Lat 34°53'20", long 82°29'50", Greenville County, at bridge on State Highway 183, 0.6 mile downstream from Coopers Creek, 6.2 miles southwest of Travelers Rest, and at mile 138.8.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-.FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 17...	1430	16.0	30	6.6	9.8	220
JAN. 12...	1440	13.5	25	6.9	10.7	190
MAR. 22...	1415	17.0	28	6.7	9.7	3200
JUNE 12...	1345	20.0	31	6.9	9.1	640
AUG. 23...	1225	22.5	35	6.4	8.0	560
SEP. 12...	1145	19.5	36	6.7	9.0	2000

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.

LOCATION.--Lat 34 23'34", long 82 13'46", Laurens County, at Ware Shoals in Riegels powerplant, 0.75 miles downstream from Ware Shoals dam, and 6.5 miles upstream from Turkey Creek.

PERIOD OF RECORD.--Chemical analyses: March 1971 to June 1972 (discontinued).
Water temperatures: March 1971 to June 1972 (discontinued).

REMARKS.--Record of hourly values available in district office.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22	18	20	22	16	18	23	19	21	---	---	---
2	24	19	21	21.	17	19	28	19	24	---	---	---
3	23	17	20	20	12	17	28	15	21	---	---	---
4	24	18	21	19	6	13	16	14	15	---	---	---
5	23	17	20	16	6	12	18	14	15	26	20	23
6	23	18	20	17	10	13	26	15	19	26	16	23
7	23	16	20	22	14	17	30	21	29	25	17	23
8	22	15	19	23	18	21	25	13	18	24	16	21
9	21	15	19	26	16	22	15	7	12	26	17	21
10	23	21	22	27	15	22	---	---	---	19	13	17
11	24	19	21	27	19	23	---	---	---	14	10	12
12	23	18	21	26	19	23	---	---	---	25	11	18
13	23	18	21	26	16	21	---	---	---	27	23	26
14	25	18	21	22	19	20	---	---	---	27	14	18
15	24	19	22	22	18	20	---	---	---	16	8	12
16	24	17	22	21	14	19	---	---	---	26	11	12
17	17	14	16	20	16	18	---	---	---	---	---	---
18	19	13	16	21	16	19	---	---	---	---	---	---
19	19	13	16	21	17	19	---	---	---	25	12	19
20	19	17	18	21	17	19	---	---	---	24	16	20
21	19	16	17	20	16	19	24	15	20	20	16	18
22	20	16	18	20	16	18	24	15	19	18	16	16
23	21	18	20	18	16	17	25	18	23	18	16	17
24	21	13	17	18	16	17	25	17	22	21	15	17
25	21	13	18	19	15	17	25	21	23	24	13	18
26	22	14	18	23	16	19	23	14	19	24	16	20
27	20	13	17	24	17	21	---	---	---	21	11	17
28	24	15	19	---	---	---	---	---	---	22	18	20
29	38	14	20	---	---	---	21	19	21	18	13	15
30	41	19	34	---	---	---	22	18	19	22	15	17
31	23	17	20	---	---	---	---	---	---	25	13	20
MONTH	41	13	20	27	6	19	---	---	---	27	8	18

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26	16	23	36	23	29	36	27	31	231	35	148
2	27	16	22	36	26	31	29	24	27	36	32	34
3	29	18	24	31	27	29	---	---	---	34	28	31
4	25	20	22	38	25	31	35	29	32	36	25	31
5	26	21	24	36	28	31	38	24	31	41	27	34
6	26	17	21	37	31	34	38	30	35	37	25	32
7	25	15	19	35	25	32	36	26	32	29	24	26
8	27	18	24	36	28	32	31	27	29	---	---	---
9	28	21	26	38	28	32	34	27	30	36	28	34
10	30	23	27	36	30	34	35	25	29	35	27	31
11	30	18	26	35	27	31	36	30	31	34	25	30
12	30	18	25	39	26	31	37	29	32	37	24	31
13	26	16	18	36	26	32	40	30	35	34	28	31
14	27	15	20	35	29	32	40	29	34	34	25	31
15	18	13	16	37	25	30	40	27	33	---	---	---
16	16	14	15	33	30	32	40	28	34	---	---	---
17	28	14	19	34	28	30	36	25	31	30	21	27
18	47	14	23	37	29	34	37	28	33	30	19	24
19	110	19	62	35	26	31	38	24	31	27	22	25
20	198	125	170	36	26	31	43	28	35	28	22	25
21	204	18	100	35	26	31	40	32	35	30	25	27
22	26	13	21	34	30	31	38	31	33	53	25	32
23	36	17	24	34	25	30	42	33	38	---	---	---
24	90	20	40	32	23	28	43	32	37	35	28	32
25	50	14	23	37	25	31	34	30	32	38	25	31
26	124	20	77	36	30	34	36	24	33	31	26	29
27	---	---	---	32	27	29	36	27	32	31	25	29
28	---	---	---	33	25	28	37	31	34	33	28	30
29	40	30	35	32	25	29	38	31	34	33	27	30
30	---	---	---	31	27	29	142	27	80	37	26	31
31	---	---	---	37	25	32	---	---	---	37	25	32
MONTH	204	13	35	39	23	31	142	24	34	231	19	34

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	35	23	30	---	---	---	---	---	---	---	---	---
2	37	22	31	---	---	---	---	---	---	---	---	---
3	38	27	32	---	---	---	---	---	---	---	---	---
4	38	24	31	---	---	---	---	---	---	---	---	---
5	38	26	32	---	---	---	---	---	---	---	---	---
6	41	29	36	---	---	---	---	---	---	---	---	---
7	38	26	32	---	---	---	---	---	---	---	---	---
8	40	29	34	---	---	---	---	---	---	---	---	---
9	41	26	33	---	---	---	---	---	---	---	---	---
10	40	28	32	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	36	32	34	---	---	---	---	---	---	---	---	---
14	36	29	32	---	---	---	---	---	---	---	---	---
15	39	28	32	---	---	---	---	---	---	---	---	---
16	37	26	32	---	---	---	---	---	---	---	---	---
17	38	30	34	---	---	---	---	---	---	---	---	---
18	38	30	34	---	---	---	---	---	---	---	---	---
19	36	33	34	---	---	---	---	---	---	---	---	---
20	36	28	32	---	---	---	---	---	---	---	---	---
21	32	22	27	---	---	---	---	---	---	---	---	---
22	26	16	21	---	---	---	---	---	---	---	---	---
23	27	14	21	---	---	---	---	---	---	---	---	---
24	32	14	23	---	---	---	---	---	---	---	---	---
25	33	17	26	---	---	---	---	---	---	---	---	---
26	35	23	29	---	---	---	---	---	---	---	---	---
27	33	22	28	---	---	---	---	---	---	---	---	---
28	32	25	29	---	---	---	---	---	---	---	---	---
29	38	29	33	---	---	---	---	---	---	---	---	---
30	32	24	27	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	41	14	30	---	---	---	---	---	---	---	---	---

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	6.9	7.2	8.3	7.5	8.0	10.9	10.5	10.7	10.2	9.3	9.8
2	7.3	6.8	7.1	8.2	8.0	8.1	10.9	10.5	10.7	9.9	9.5	9.8
3	7.5	7.0	7.2	8.4	7.7	8.1	11.4	10.4	10.8	10.8	9.7	10.1
4	7.5	7.1	7.3	8.6	7.0	8.2	11.5	11.0	11.3	10.2	9.9	10.1
5	7.9	7.1	7.4	8.9	8.4	8.6	11.4	10.8	11.2	10.5	9.7	10.2
6	7.7	7.1	7.4	---	---	---	11.6	10.9	11.2	10.9	10.5	10.7
7	7.8	7.1	7.5	---	---	---	11.6	10.7	11.0	11.1	10.9	11.0
8	8.3	7.6	7.9	---	---	---	11.8	11.1	11.5	11.2	11.0	11.1
9	8.1	7.8	8.0	---	---	---	11.1	10.5	11.0	11.0	10.7	10.9
10	8.0	7.7	7.9	---	---	---	10.5	9.8	10.1	10.7	9.5	10.3
11	8.4	7.9	8.1	---	---	---	---	---	---	10.2	9.5	9.9
12	8.5	8.0	8.2	---	---	---	---	---	---	10.2	9.0	9.6
13	8.5	8.1	8.3	---	---	---	---	---	---	9.9	8.8	9.4
14	8.2	7.8	8.0	---	---	---	---	---	---	10.1	8.7	9.7
15	8.3	7.9	8.1	---	---	---	---	---	---	10.7	10.1	10.5
16	8.3	7.9	8.0	---	---	---	---	---	---	11.2	10.6	11.0
17	8.4	7.6	8.0	---	---	---	---	---	---	11.6	11.2	11.5
18	8.1	7.6	7.8	---	---	---	---	---	---	11.7	11.4	11.5
19	8.3	7.7	7.8	---	---	---	---	---	---	11.6	11.0	11.3
20	8.2	7.4	7.8	---	---	---	---	---	---	11.1	10.7	11.0
21	8.2	7.6	8.0	---	---	---	10.3	7.8	8.6	10.8	10.4	10.6
22	8.4	7.6	8.0	---	---	---	8.2	7.3	7.8	10.5	10.0	10.3
23	8.2	8.0	8.1	---	---	---	8.3	7.7	8.0	10.1	9.7	9.9
24	8.3	8.1	8.2	---	---	---	8.0	7.4	7.7	9.9	9.6	9.8
25	8.6	8.2	8.4	---	---	---	7.5	7.2	7.4	9.7	9.4	9.4
26	8.4	8.0	8.2	---	---	---	7.5	6.7	7.1	10.0	9.7	9.9
27	8.5	8.0	8.2	---	---	---	6.8	6.6	6.7	10.1	9.9	10.0
28	8.4	7.8	8.0	---	---	---	9.3	6.3	7.8	9.9	9.5	9.7
29	7.8	7.3	7.5	---	---	---	10.2	8.1	9.1	9.8	9.6	9.7
30	7.8	7.3	7.6	---	---	---	9.7	9.0	9.4	9.9	9.7	9.9
31	7.8	7.1	7.5	---	---	---	9.8	9.0	9.4	10.6	9.9	10.4
MONTH	8.6	6.8	7.8	---	---	---	---	---	---	11.7	8.7	10.3

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.7	10.4	10.5	10.3	9.6	9.9	10.2	9.8	10.0	9.1	8.2	8.5
2	10.6	10.3	10.4	9.6	9.2	9.4	10.1	9.8	9.9	8.7	7.7	8.4
3	10.5	10.4	10.5	9.8	8.9	9.4	10.2	9.5	9.9	7.9	7.2	7.6
4	11.1	10.6	10.9	10.1	9.4	9.8	10.1	9.5	9.9	8.4	7.5	7.8
5	11.3	11.1	11.2	10.3	9.6	9.9	9.9	9.2	9.5	9.0	7.7	8.2
6	11.2	11.1	11.1	11.1	10.0	10.6	9.6	9.0	9.3	9.0	7.9	8.4
7	11.2	10.9	11.1	10.9	10.3	10.6	9.2	8.7	8.9	8.8	8.1	8.4
8	11.1	11.0	11.2	10.5	9.9	10.2	9.3	8.6	8.9	8.8	8.1	8.6
9	11.1	10.9	11.0	10.6	9.9	10.3	9.8	8.9	9.3	9.1	8.1	8.6
10	11.4	11.1	11.3	10.7	10.2	10.3	10.1	9.2	9.6	9.1	7.7	8.4
11	11.2	10.9	11.1	10.7	10.3	10.4	9.8	9.4	9.6	9.3	8.0	8.7
12	10.9	10.6	10.8	10.7	10.0	10.3	9.3	8.6	9.0	9.3	8.2	8.7
13	10.7	10.5	10.6	10.4	9.8	10.0	9.3	8.3	8.7	9.0	8.1	8.4
14	11.1	10.5	10.9	10.1	9.6	9.8	9.1	8.3	8.6	9.8	8.7	9.4
15	10.9	10.5	10.8	10.5	9.4	9.8	9.0	8.0	8.4	10.2	8.4	9.5
16	10.6	10.4	10.5	9.7	9.2	9.4	8.6	7.7	8.1	9.0	8.0	8.4
17	10.5	10.2	10.4	10.3	9.1	9.7	8.9	8.1	8.4	8.8	8.0	8.5
18	10.4	10.2	10.3	10.4	9.8	10.0	8.9	8.3	8.6	8.5	7.7	8.1
19	10.8	10.4	10.6	10.6	10.0	10.2	8.9	8.1	8.3	8.4	7.7	8.1
20	11.3	10.7	11.0	10.7	9.7	10.1	8.7	7.9	8.2	8.6	8.1	8.3
21	11.5	10.9	11.2	10.3	[illegible]	9.8	8.4	7.8	8.0	8.3	8.0	8.2
22	11.2	10.5	10.8	10.4	9.0	9.2	9.0	8.1	8.5	8.8	8.1	8.4
23	10.5	10.1	10.3	9.8	9.1	9.5	9.0	8.3	8.7	9.0	8.2	8.7
24	10.5	10.1	10.4	10.2	9.5	9.8	8.9	8.3	8.5	8.7	7.9	8.4
25	10.3	10.0	10.2	10.4	9.8	10.1	9.0	8.2	8.5	8.4	7.9	8.1
26	10.1	9.4	9.7	10.9	10.0	10.5	8.7	8.2	8.3	8.5	7.9	8.2
27	10.5	9.7	10.2	10.2	9.7	10.0	8.9	8.3	8.6	8.6	8.0	8.3
28	10.8	10.3	10.5	10.2	9.5	9.8	9.0	8.1	8.5	8.5	8.0	8.2
29	10.6	10.0	10.4	9.5	9.2	9.3	8.9	8.0	8.3	8.7	8.0	8.4
30	---	---	---	9.7	9.3	9.5	8.8	8.0	8.3	8.6	8.0	8.4
31	---	---	---	9.8	9.5	9.7	---	---	---	8.8	6.6	7.6
MONTH	11.5	9.4	10.7	11.1	8.9	9.9	10.2	7.7	8.8	10.2	6.6	8.4

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.2	7.0	7.4	---	---	---	---	---	---	---	---	---
2	8.7	7.4	8.0	---	---	---	---	---	---	---	---	---
3	9.0	7.4	8.2	---	---	---	---	---	---	---	---	---
4	8.6	7.5	8.1	---	---	---	---	---	---	---	---	---
5	8.7	6.9	8.0	---	---	---	---	---	---	---	---	---
6	8.7	7.1	7.9	---	---	---	---	---	---	---	---	---
7	8.0	7.3	7.6	---	---	---	---	---	---	---	---	---
8	7.8	7.0	7.3	---	---	---	---	---	---	---	---	---
9	7.8	7.1	7.3	---	---	---	---	---	---	---	---	---
10	8.0	5.9	7.4	---	---	---	---	---	---	---	---	---
11	7.4	6.5	6.9	---	---	---	---	---	---	---	---	---
12	7.5	5.6	6.5	---	---	---	---	---	---	---	---	---
13	8.0	4.0	5.9	---	---	---	---	---	---	---	---	---
14	8.5	6.7	7.9	---	---	---	---	---	---	---	---	---
15	10.5	7.5	8.6	---	---	---	---	---	---	---	---	---
16	9.8	7.8	8.6	---	---	---	---	---	---	---	---	---
17	10.1	7.9	8.7	---	---	---	---	---	---	---	---	---
18	9.1	8.3	8.7	---	---	---	---	---	---	---	---	---
19	8.9	7.8	8.2	---	---	---	---	---	---	---	---	---
20	8.8	8.3	8.5	---	---	---	---	---	---	---	---	---
21	8.9	8.2	8.5	---	---	---	---	---	---	---	---	---
22	9.3	8.4	8.9	---	---	---	---	---	---	---	---	---
23	9.3	8.0	8.6	---	---	---	---	---	---	---	---	---
24	9.3	7.8	8.6	---	---	---	---	---	---	---	---	---
25	8.6	7.8	8.2	---	---	---	---	---	---	---	---	---
26	8.2	7.6	8.0	---	---	---	---	---	---	---	---	---
27	8.4	7.8	8.0	---	---	---	---	---	---	---	---	---
28	8.5	7.9	8.1	---	---	---	---	---	---	---	---	---
29	8.1	7.7	7.9	---	---	---	---	---	---	---	---	---
30	8.1	7.9	8.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	10.5	4.0	8.0	---	---	---	---	---	---	---	---	---

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.0	25.5	26.0	22.0	20.5	21.0	11.5	8.5	10.0	16.0	13.0	14.5
2	28.0	26.0	27.0	22.5	20.5	21.0	11.5	9.5	11.0	15.5	12.5	14.0
3	27.5	25.5	26.5	22.0	19.0	21.0	11.0	4.0	7.0	15.5	12.5	14.0
4	28.0	25.5	27.0	19.0	16.5	18.0	6.0	4.5	5.0	14.0	11.0	12.0
5	27.5	25.0	26.5	17.5	14.5	16.0	6.5	5.0	5.5	13.5	10.0	12.0
6	28.0	26.0	26.5	17.0	15.0	16.0	8.0	5.0	6.5	11.5	9.5	10.5
7	26.0	23.5	25.0	18.0	16.0	17.0	9.5	7.5	8.5	10.0	8.5	9.5
8	24.0	22.0	23.0	17.0	13.5	15.0	9.5	7.0	8.5	9.0	8.0	8.5
9	22.0	21.5	21.5	14.5	12.0	13.5	10.5	8.5	9.5	10.0	7.5	8.5
10	22.0	21.0	21.5	15.0	11.0	13.0	12.0	9.5	10.5	10.5	8.5	9.5
11	21.5	19.0	20.5	14.5	12.0	13.5	---	---	---	10.5	9.5	10.0
12	22.0	19.0	20.5	15.0	11.5	13.5	---	---	---	14.5	9.0	11.5
13	22.0	19.0	20.5	15.5	12.5	14.0	---	---	---	19.0	13.5	17.0
14	23.5	19.5	21.0	15.0	13.5	14.0	---	---	---	19.0	13.0	15.0
15	23.5	21.5	22.0	15.0	13.5	14.0	---	---	---	12.0	10.0	11.0
16	24.5	21.5	23.0	15.5	12.5	14.0	---	---	---	10.5	7.5	9.0
17	22.5	20.5	21.5	17.0	14.5	16.0	---	---	---	9.0	7.0	8.0
18	21.0	19.0	20.5	17.0	15.0	16.0	---	---	---	9.0	6.5	7.5
19	21.0	19.0	19.5	17.0	15.5	16.5	---	---	---	9.5	6.0	8.0
20	21.0	20.5	20.5	17.5	16.0	16.5	---	---	---	9.5	7.5	9.0
21	21.0	20.5	20.5	16.0	13.0	15.5	14.5	12.5	13.5	10.5	8.5	9.5
22	22.0	21.0	21.0	13.5	11.0	12.0	14.0	12.0	13.0	11.0	9.5	10.5
23	22.0	20.5	22.0	12.0	11.0	11.5	13.0	10.5	12.0	12.5	10.5	11.5
24	21.5	19.0	20.0	11.5	8.5	10.0	12.0	9.5	11.0	14.5	11.5	13.0
25	21.5	18.5	19.5	11.0	9.0	10.0	12.5	10.5	11.5	15.5	12.0	14.0
26	22.5	19.0	20.5	12.0	8.5	10.5	13.0	9.0	11.5	14.5	12.0	13.5
27	22.0	18.0	20.5	13.0	11.0	12.0	15.0	11.0	12.5	14.0	10.0	12.0
28	22.5	19.5	21.0	13.5	11.5	12.5	16.0	11.5	13.5	14.5	12.0	13.5
29	22.0	19.5	20.5	12.0	11.0	11.5	16.0	12.5	14.5	12.5	12.0	12.0
30	21.0	20.0	20.5	11.0	9.0	10.5	18.0	15.0	16.5	12.0	11.0	11.5
31	22.5	21.0	22.0	---	---	---	17.0	13.0	15.5	12.0	8.0	10.0
MONTH	28.0	18.0	22.0	22.5	8.5	14.5	---	---	---	19.0	6.0	11.5

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.5	8.0	10.0	16.5	11.5	14.0	16.0	12.5	14.5	23.0	19.5	21.0
2	10.5	8.0	9.5	18.5	14.5	16.5	15.5	12.5	14.0	23.5	19.5	21.5
3	11.0	9.0	10.0	17.5	15.5	16.0	16.5	13.0	15.0	23.5	21.5	22.5
4	9.5	8.0	8.5	17.0	14.0	15.5	18.0	13.5	15.5	23.5	20.0	21.5
5	9.0	7.5	8.5	16.5	14.0	15.0	19.0	14.0	16.5	24.0	20.0	22.0
6	8.5	7.0	8.0	15.0	12.0	13.5	20.5	15.5	18.0	23.5	19.5	21.5
7	10.0	7.0	8.5	15.5	11.5	13.5	20.5	16.5	18.5	22.0	19.5	21.0
8	10.0	8.0	9.5	16.5	13.5	15.0	19.0	17.0	18.0	21.0	19.0	20.5
9	10.0	9.0	9.5	15.0	12.5	14.0	18.5	15.5	16.5	22.5	18.5	20.5
10	10.5	8.0	9.0	15.0	12.5	14.0	18.0	14.0	15.5	22.0	19.0	20.0
11	11.0	9.0	10.0	15.0	12.0	13.5	16.5	13.5	14.5	21.5	17.5	19.5
12	11.0	8.5	10.0	17.0	12.0	14.5	20.5	16.0	18.0	23.0	18.0	20.5
13	10.0	8.5	9.0	18.5	13.0	15.5	23.5	19.0	21.0	21.0	20.0	20.5
14	10.5	7.0	9.0	19.5	15.0	17.0	25.0	20.5	22.5	21.0	18.0	19.5
15	10.0	8.0	9.0	19.5	15.0	17.0	26.0	20.5	23.0	20.5	17.5	19.0
16	10.0	9.0	9.5	17.5	16.0	17.0	25.0	22.0	23.5	21.5	17.0	19.5
17	12.0	8.5	10.0	16.5	14.5	15.5	24.0	20.0	21.5	22.0	17.5	19.5
18	12.0	9.5	11.0	16.5	13.5	15.0	24.5	20.0	21.5	23.5	19.0	21.0
19	10.5	8.5	9.5	17.5	13.0	15.0	24.0	20.0	22.0	22.0	20.0	21.0
20	8.0	6.0	7.0	18.5	14.5	16.0	26.0	21.0	23.0	21.5	20.0	20.5
21	9.0	5.5	7.5	19.0	14.5	17.0	23.5	22.0	23.0	20.5	19.0	20.0
22	12.5	7.0	9.5	20.0	17.0	18.5	21.5	19.0	20.0	21.5	19.0	20.0
23	11.5	9.5	10.5	18.5	15.0	16.5	23.5	19.5	21.5	21.5	19.5	20.5
24	12.5	9.5	11.0	15.5	13.0	14.5	24.5	21.0	22.0	23.5	18.5	21.0
25	13.0	10.0	11.5	15.0	13.0	14.0	21.5	19.5	20.5	25.0	20.0	22.5
26	15.5	11.5	13.0	14.5	11.0	13.0	21.0	17.0	19.0	23.0	20.5	22.0
27	14.0	11.0	12.5	14.5	13.0	13.5	22.0	17.0	19.5	22.0	19.5	21.0
28	13.5	10.5	12.0	17.0	13.0	14.5	22.0	19.0	20.5	21.0	19.5	20.5
29	16.0	9.0	12.5	17.0	15.5	16.5	23.5	19.5	21.0	22.0	20.0	21.0
30	---	---	---	16.5	15.0	15.5	23.0	20.0	21.5	23.5	19.5	21.5
31	---	---	---	16.0	14.0	15.0	---	---	---	25.0	21.5	23.5
MONTH	16.0	5.5	10.0	20.0	11.0	15.0	26.0	12.5	19.5	25.0	17.0	21.0

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	20.5	22.0	---	---	---	---	---	---	---	---	---
2	24.0	19.0	21.5	---	---	---	---	---	---	---	---	---
3	25.0	20.0	22.0	---	---	---	---	---	---	---	---	---
4	26.5	20.0	23.0	---	---	---	---	---	---	---	---	---
5	29.0	20.5	24.5	---	---	---	---	---	---	---	---	---
6	28.0	20.5	24.5	---	---	---	---	---	---	---	---	---
7	28.0	24.0	26.0	---	---	---	---	---	---	---	---	---
8	28.0	25.0	26.0	---	---	---	---	---	---	---	---	---
9	28.0	23.5	25.5	---	---	---	---	---	---	---	---	---
10	26.0	23.5	25.0	---	---	---	---	---	---	---	---	---
11	25.5	20.5	23.0	---	---	---	---	---	---	---	---	---
12	29.0	18.5	23.5	---	---	---	---	---	---	---	---	---
13	29.5	18.0	23.0	---	---	---	---	---	---	---	---	---
14	28.5	18.5	24.5	---	---	---	---	---	---	---	---	---
15	29.0	25.0	27.0	---	---	---	---	---	---	---	---	---
16	29.5	24.5	27.0	---	---	---	---	---	---	---	---	---
17	28.5	25.5	27.0	---	---	---	---	---	---	---	---	---
18	29.0	26.0	27.5	---	---	---	---	---	---	---	---	---
19	28.0	26.0	26.5	---	---	---	---	---	---	---	---	---
20	25.5	22.5	24.0	---	---	---	---	---	---	---	---	---
21	24.0	21.5	22.5	---	---	---	---	---	---	---	---	---
22	23.0	20.0	21.5	---	---	---	---	---	---	---	---	---
23	23.0	19.5	21.0	---	---	---	---	---	---	---	---	---
24	24.5	19.0	22.0	---	---	---	---	---	---	---	---	---
25	25.5	20.0	23.0	---	---	---	---	---	---	---	---	---
26	26.5	22.0	24.0	---	---	---	---	---	---	---	---	---
27	27.0	22.5	24.5	---	---	---	---	---	---	---	---	---
28	26.5	23.5	24.5	---	---	---	---	---	---	---	---	---
29	28.0	24.5	26.0	---	---	---	---	---	---	---	---	---
30	25.0	23.5	24.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	29.5	18.0	24.0	---	---	---	---	---	---	---	---	---

SANTEE RIVER BASIN

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	7.2	7.3	8.2	7.2	7.6	7.0	6.7	6.8	7.3	6.8	7.1
2	7.5	7.2	7.4	7.5	6.6	7.1	7.1	6.4	6.8	7.3	6.7	7.1
3	7.5	7.3	7.4	7.0	6.5	6.8	7.0	6.4	6.7	7.4	6.7	7.1
4	7.4	7.0	7.2	7.0	6.1	6.8	7.1	6.9	7.0	7.3	6.8	7.1
5	7.4	6.9	7.2	7.1	6.3	6.9	7.1	6.8	7.0	7.2	6.6	7.0
6	7.3	7.0	7.2	7.0	6.7	6.9	7.1	6.6	6.9	6.9	6.5	6.7
7	7.2	6.9	7.1	7.0	6.9	7.0	6.7	6.0	6.4	6.9	6.6	6.7
8	7.2	7.0	7.0	7.0	6.8	6.9	6.7	6.0	6.4	6.9	6.5	6.7
9	7.4	6.9	7.3	7.0	6.3	6.9	6.5	5.9	6.3	7.0	6.5	6.8
10	7.4	7.1	7.3	7.1	6.5	7.0	6.7	6.5	6.6	6.9	6.4	6.8
11	7.4	7.0	7.0	7.0	6.5	7.0	---	---	---	6.9	6.4	6.6
12	7.4	6.9	7.1	7.1	6.9	7.0	---	---	---	7.0	6.6	6.8
13	7.3	7.0	7.1	7.0	6.7	6.9	---	---	---	7.1	6.9	7.0
14	7.0	7.0	7.0	7.1	6.9	7.0	---	---	---	7.0	6.2	6.7
15	7.8	7.0	7.2	7.0	6.9	7.0	---	---	---	6.9	6.3	6.7
16	7.8	7.0	7.5	7.0	6.7	6.9	---	---	---	6.8	6.5	6.7
17	7.4	6.9	7.1	7.1	6.9	7.0	---	---	---	6.9	6.6	6.8
18	7.3	6.8	7.1	7.1	6.9	7.0	---	---	---	6.9	6.3	6.7
19	7.0	6.7	6.9	7.5	6.9	7.2	---	---	---	7.0	6.2	6.6
20	7.3	7.0	7.2	7.4	6.9	7.1	---	---	---	6.9	6.4	6.7
21	7.6	7.4	7.5	7.1	6.9	7.0	6.9	6.5	6.8	6.9	6.7	6.8
22	8.2	7.4	7.8	7.1	6.9	7.0	7.0	6.7	6.9	7.1	6.7	6.9
23	7.8	7.4	7.6	7.1	6.9	7.0	7.0	6.5	6.8	7.3	6.9	7.0
24	8.2	7.3	7.6	7.0	6.9	6.9	7.1	6.6	6.9	7.8	6.9	7.2
25	7.8	7.1	7.4	7.0	6.9	7.0	7.1	6.7	6.9	7.1	6.6	6.9
26	7.3	7.0	7.1	7.1	6.8	7.0	7.1	6.5	6.9	7.1	6.5	6.8
27	7.3	7.0	7.1	7.1	6.7	6.9	7.2	6.8	7.0	7.1	6.6	6.9
28	7.1	6.9	7.0	7.2	6.6	6.9	7.2	6.9	7.0	7.0	6.8	6.9
29	7.3	6.9	7.1	7.0	6.6	6.8	7.2	6.9	7.0	7.0	6.8	6.9
30	7.4	7.0	7.3	7.0	6.8	6.9	7.2	7.1	7.1	7.1	6.8	6.9
31	7.8	7.3	7.5	---	---	---	7.2	6.8	7.1	7.1	6.6	6.9
MONTH	8.2	6.7	7.2	8.2	6.1	7.0	---	---	---	7.8	6.2	6.9

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.9	6.6	6.8	7.4	6.8	7.0	7.2	6.7	7.0	7.8	7.0	7.4
2	7.0	6.6	6.8	7.5	6.8	7.1	7.5	7.0	7.2	7.4	7.0	7.2
3	7.0	6.6	6.8	7.3	6.8	7.0	7.3	6.9	7.1	7.2	7.0	7.2
4	6.9	6.6	6.7	7.3	6.8	7.0	7.3	6.9	7.1	7.4	6.8	7.0
5	7.0	6.6	6.8	7.4	6.8	7.0	7.3	6.7	7.0	7.5	6.5	7.1
6	6.9	6.7	6.8	7.4	6.8	7.1	7.4	6.5	7.0	7.5	6.8	7.1
7	7.1	6.8	7.0	7.3	6.6	7.0	7.2	6.7	6.9	7.3	6.9	7.1
8	7.0	6.6	6.8	7.3	6.8	7.0	7.5	6.6	7.1	7.4	7.0	7.2
9	7.0	6.6	6.8	7.3	6.7	7.0	7.5	6.6	7.2	7.3	6.7	7.0
10	7.0	6.6	6.8	7.4	6.7	7.0	7.7	6.6	7.2	7.2	6.7	6.9
11	7.1	6.6	6.8	7.3	6.7	7.0	7.1	7.0	7.1	7.0	6.7	6.9
12	7.1	6.7	6.9	7.5	6.9	7.1	7.4	6.9	7.1	7.3	6.7	7.0
13	6.9	6.7	6.8	7.6	6.8	7.1	7.5	6.9	7.1	7.2	6.9	7.0
14	7.1	6.7	6.9	7.6	6.9	7.2	7.7	6.8	7.1	7.1	6.4	6.8
15	7.0	6.6	6.9	7.6	6.8	7.1	7.8	6.8	7.1	7.0	6.5	6.9
16	7.0	6.8	6.9	7.2	6.9	7.0	7.5	6.9	7.1	7.0	6.6	6.9
17	7.1	6.8	6.9	7.5	6.9	7.1	7.4	6.8	7.1	7.0	6.5	6.7
18	7.0	6.6	6.8	7.3	6.7	7.1	7.4	6.9	7.1	7.0	6.5	6.8
19	6.9	6.7	6.8	7.4	6.7	7.1	7.5	6.8	7.1	7.0	6.6	6.8
20	7.0	6.7	6.8	7.6	6.9	7.1	7.5	6.9	7.1	7.1	6.7	6.9
21	7.1	6.7	6.9	7.5	6.9	7.1	7.2	6.8	7.0	7.0	6.7	6.8
22	7.1	6.6	6.9	7.5	6.9	7.1	7.2	6.8	6.9	7.1	6.8	6.9
23	7.0	6.7	6.9	7.3	6.7	7.0	7.2	6.7	7.0	7.1	6.7	7.0
24	7.1	6.6	6.8	7.2	6.6	6.9	7.5	6.9	7.1	7.1	6.7	6.9
25	7.2	6.8	7.0	7.2	6.8	7.0	7.5	6.9	7.1	7.1	6.6	6.9
26	7.2	6.8	7.0	7.3	6.7	7.0	7.4	6.7	7.0	7.2	6.7	6.9
27	7.1	6.6	6.9	7.1	6.8	6.9	7.3	6.8	7.0	7.3	6.8	7.0
28	7.3	6.7	7.0	7.2	6.8	7.0	7.7	7.0	7.3	7.1	6.8	6.9
29	7.3	6.7	7.0	7.0	6.9	7.0	7.8	7.3	7.5	7.2	6.8	7.0
30	---	---	---	7.1	6.8	6.9	7.8	7.3	7.4	7.2	6.8	7.0
31	---	---	---	7.1	6.8	7.0	---	---	---	7.2	6.6	7.0
MONTH	7.3	6.6	6.9	7.6	6.6	7.0	7.8	6.5	7.1	7.8	6.4	7.0

SANTEE RIVER BASIN

02163450 SALUDA RIVER DIVERSION CANAL AT WARE SHOALS, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	6.6	7.0	---	---	---	---	---	---	---	---	---
2	7.4	6.7	7.0	---	---	---	---	---	---	---	---	---
3	7.3	6.7	7.0	---	---	---	---	---	---	---	---	---
4	7.1	6.7	6.9	---	---	---	---	---	---	---	---	---
5	7.1	6.6	6.9	---	---	---	---	---	---	---	---	---
6	7.3	6.5	7.0	---	---	---	---	---	---	---	---	---
7	7.1	6.8	6.9	---	---	---	---	---	---	---	---	---
8	7.3	6.6	6.9	---	---	---	---	---	---	---	---	---
9	7.3	6.8	7.0	---	---	---	---	---	---	---	---	---
10	7.2	6.7	7.0	---	---	---	---	---	---	---	---	---
11	7.1	6.4	6.8	---	---	---	---	---	---	---	---	---
12	7.1	6.3	6.9	---	---	---	---	---	---	---	---	---
13	7.0	6.2	7.0	---	---	---	---	---	---	---	---	---
14	8.1	6.4	7.3	---	---	---	---	---	---	---	---	---
15	9.4	7.0	7.9	---	---	---	---	---	---	---	---	---
16	9.5	6.8	7.9	---	---	---	---	---	---	---	---	---
17	9.3	7.1	8.2	---	---	---	---	---	---	---	---	---
18	8.6	7.2	7.5	---	---	---	---	---	---	---	---	---
19	8.0	7.2	7.5	---	---	---	---	---	---	---	---	---
20	8.0	7.0	7.6	---	---	---	---	---	---	---	---	---
21	6.9	6.1	6.4	---	---	---	---	---	---	---	---	---
22	7.0	6.2	6.8	---	---	---	---	---	---	---	---	---
23	6.9	6.3	6.9	---	---	---	---	---	---	---	---	---
24	7.0	6.3	6.8	---	---	---	---	---	---	---	---	---
25	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
26	6.9	6.6	6.9	---	---	---	---	---	---	---	---	---
27	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
28	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
29	6.9	6.9	6.9	---	---	---	---	---	---	---	---	---
30	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	9.5	6.1	7.1	---	---	---	---	---	---	---	---	---

02163500 SALUDA RIVER NEAR WARE SHOALS, S.C.

LOCATION.--Lat 34°23'23", long 82°13'14", Greenwood County, at bridge on U.S. Highway 25 bypass, 0.9 mile upstream from gaging station, 1.4 miles southeast of Ware Shoals, 1.6 miles downstream from Ware Shoals Dam, 5.8 miles upstream from Turkey Creek, and at mile 84.6.

DRAINAGE AREA.--580 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: July 1969 to September 1972.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.							
04...	1105	25.5	335	52	7.1	8.0	1100
MAY							
22...	0840	19.0	2010	38	6.8	9.2	1300
JUNE							
12...	0825	20.0	715	49	7.1	8.3	160
JULY							
31...	1500	27.0	635	65	7.0	8.2	320
AUG.							
31...	0940	26.0	459	60	7.3	8.0	--
SEP.							
11...	1540	26.0	375	70	7.4	8.6	--

SANTEE RIVER BASIN

02164000 REEDY RIVER NEAR GREENVILLE, S.C.

LOCATION.--Lat 34°48'00", long 82°21'55", Greenville County, at discontinued gaging station on right bank, 375 ft downstream from bridge on Interstate Highway 85, 0.5 mile upstream from Brushy Creek, 2.5 miles upstream from dam at Conestee, 3.9 miles southeast of city hall in Greenville, and at mile 48.5.

DRAINAGE AREA.--48.6 sq mi.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.							
04...	1155	24.0	41	110	7.3	8.2	1500
MAY							
22...	0925	18.0	207	67	6.8	8.7	3500
JUNE							
12...	1255	21.5	56	100	7.0	8.4	1500
JULY							
31...	1230	23.5	--	90	7.0	8.1	4400

02163000 REEDY RIVER NEAR WARE SHOALS, S.C.

LOCATION (REVISED).--Lat 34 27'43", long 82 11'50", Laurens County, at bridge on State Highway 252, 200 ft downstream from dam at Boyds Mill, 0.6 mile upstream from gaging station, 4.5 miles northeast of Ware Shoals, 9.9 miles upstream from Rabon Creek, and at mile 13.5.

DRAINAGE AREA.--228 sq mi (at gaging station).

PERIOD OF RECORD.--Chemical analyses: July 1969 to June 1972.
Water temperatures: February 1971 to June 1972 (discontinued).

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	170	161	166	174	153	163	138	125	130	123	111	117
2	171	160	166	146	82	103	123	113	120	142	124	133
3	186	168	177	86	80	83	113	101	107	144	136	140
4	191	179	184	95	71	84	139	107	120	136	134	135
5	199	183	192	93	64	78	155	139	150	135	122	130
6	213	197	206	98	85	92	158	144	155	119	78	96
7	224	210	218	97	83	91	140	66	102	85	73	78
8	214	204	208	109	93	99	69	64	66	95	77	82
9	212	202	207	123	106	115	67	63	65	---	---	---
10	228	210	217	123	110	116	72	67	69	---	---	---
11	231	221	226	113	107	110	82	68	76	---	---	---
12	234	225	231	118	106	113	95	81	88	49	48	48
13	233	225	230	124	110	116	100	87	95	58	49	54
14	225	212	218	131	109	122	113	99	104	63	48	54
15	210	202	207	150	129	140	110	99	106	83	54	59
16	206	199	203	169	150	159	112	110	111	---	---	---
17	204	80	142	181	150	173	116	109	111	---	---	---
18	81	78	79	182	178	180	141	115	123	---	---	---
19	89	78	83	178	170	174	143	133	139	79	74	77
20	92	89	91	171	164	168	---	---	---	83	78	80
21	95	92	93	168	165	166	145	141	143	94	82	89
22	116	93	102	179	164	169	141	123	135	106	94	101
23	151	117	133	197	179	188	123	117	121	118	106	113
24	164	135	153	193	190	192	115	108	111	122	116	119
25	133	110	123	194	171	189	124	110	117	121	104	116
26	109	100	104	180	165	174	129	113	119	105	89	98
27	99	93	96	176	148	166	131	123	127	108	89	99
28	110	93	100	148	138	144	131	125	129	119	106	114
29	122	105	113	143	141	142	131	117	125	121	116	119
30	146	118	129	143	139	141	126	111	119	131	121	126
31	165	136	152	---	---	---	115	111	113	139	126	133
MONTH	234	78	160	197	64	138	158	63	113	144	48	100

SANTEE RIVER BASIN

02165000 REEDY RIVER NEAR WARE SHOALS, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), OCTOBER 1971 TO JUNE 1972

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	141	134	137	131	119	126	111	100	103	500	500	---
2	135	104	121	121	108	116	110	98	104	500	158	---
3	113	99	105	129	105	117	119	109	114	161	144	153
4	106	96	102	129	118	125	128	112	121	142	123	133
5	106	96	101	120	111	117	125	114	121	131	119	125
6	98	95	97	120	106	112	115	106	111	134	122	128
7	112	97	103	124	113	118	115	108	113	123	116	120
8	120	112	116	120	111	116	120	112	116	134	122	127
9	115	104	110	113	104	107	156	120	135	144	126	136
10	103	94	98	135	113	124	159	137	147	124	110	118
11	115	97	104	128	121	126	136	123	131	110	96	103
12	129	111	121	135	119	127	130	120	123	121	92	103
13	134	128	135	141	130	135	121	116	119	132	111	118
14	131	115	121	141	136	139	123	115	118	133	65	111
15	115	95	104	135	116	127	135	118	127	64	53	60
16	93	81	86	118	111	115	136	130	133	57	49	53
17	87	79	83	121	110	116	142	128	135	63	51	58
18	101	87	93	147	118	133	135	129	134	70	58	62
19	119	101	111	145	139	143	132	124	128	81	67	73
20	122	112	118	146	138	142	130	121	126	101	81	91
21	121	111	117	150	138	144	126	123	124	139	102	121
22	113	106	110	147	140	144	146	126	137	130	104	119
23	108	99	104	147	129	137	151	141	146	102	82	92
24	107	98	102	127	103	116	217	137	147	85	77	82
25	120	104	112	107	102	103	156	129	140	88	80	84
26	142	120	132	132	108	121	128	109	117	90	83	87
27	136	132	134	135	126	131	117	100	109	98	91	93
28	142	131	136	142	135	138	122	106	114	---	---	---
29	139	128	136	135	118	127	141	115	127	---	---	---
30	---	---	---	117	111	113	500	131	---	---	---	---
31	---	---	---	118	113	116	---	---	---	126	112	121
MONTH	142	79	112	150	102	125	500	98	125	500	49	103

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	111	104	108	---	---	---	---	---	---	---	---	---
2	115	106	109	---	---	---	---	---	---	---	---	---
3	119	106	113	---	---	---	---	---	---	---	---	---
4	131	114	123	---	---	---	---	---	---	---	---	---
5	145	123	136	---	---	---	---	---	---	---	---	---
6	154	142	148	---	---	---	---	---	---	---	---	---
7	156	145	153	---	---	---	---	---	---	---	---	---
8	154	140	146	---	---	---	---	---	---	---	---	---
9	144	138	141	---	---	---	---	---	---	---	---	---
10	141	133	137	---	---	---	---	---	---	---	---	---
11	146	132	139	---	---	---	---	---	---	---	---	---
12	161	139	150	---	---	---	---	---	---	---	---	---
13	165	153	158	---	---	---	---	---	---	---	---	---
14	156	141	152	---	---	---	---	---	---	---	---	---
15	141	128	138	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	66	56	62	---	---	---	---	---	---	---	---	---
24	76	57	67	---	---	---	---	---	---	---	---	---
25	87	67	77	---	---	---	---	---	---	---	---	---
26	95	84	90	---	---	---	---	---	---	---	---	---
27	103	92	97	---	---	---	---	---	---	---	---	---
28	103	96	100	---	---	---	---	---	---	---	---	---
29	107	99	102	---	---	---	---	---	---	---	---	---
30	112	104	108	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---			
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02165000 REEDY RIVER NEAR WARE SHOALS, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	6.1	6.6	7.4	6.1	6.6	8.5	8.3	8.4	8.2	7.9	8.1
2	6.7	6.0	6.2	6.2	5.7	5.9	8.7	8.5	8.6	8.3	7.9	8.1
3	6.2	4.6	5.5	6.4	5.9	6.1	9.1	8.9	8.9	8.5	7.8	8.2
4	5.4	3.7	4.6	6.9	6.1	6.5	9.5	9.2	9.3	8.5	7.9	8.2
5	6.8	3.5	5.0	7.1	6.7	6.8	9.6	9.5	9.6	9.8	8.0	8.9
6	6.5	4.7	5.5	7.6	7.2	7.4	9.8	9.6	9.7	9.8	9.7	9.7
7	6.7	4.4	5.3	7.7	7.2	7.5	10.3	9.8	9.9	9.9	9.6	9.7
8	5.1	4.2	4.7	7.7	7.5	7.6	9.7	9.5	9.6	10.1	9.9	10.0
9	5.6	4.2	5.0	8.4	7.7	8.0	9.5	9.3	9.4	10.1	9.8	10.0
10	5.4	4.7	5.0	8.9	8.4	8.7	9.3	9.0	9.2	9.9	9.7	9.8
11	5.2	4.7	5.0	9.0	8.7	8.8	9.1	8.9	9.0	9.6	8.6	9.1
12	5.2	5.0	5.1	9.0	8.6	8.8	8.9	8.3	8.7	8.9	8.4	8.7
13	5.7	5.3	5.4	9.0	8.6	8.8	8.4	7.7	8.0	8.8	8.4	8.5
14	6.0	5.6	5.7	9.2	8.5	8.8	8.0	7.5	7.9	8.5	7.8	8.1
15	6.0	5.4	5.7	8.8	8.3	8.6	7.9	7.1	7.6	8.2	7.9	8.0
16	5.8	5.4	5.6	8.5	8.2	8.3	8.3	8.0	8.1	9.1	8.3	8.7
17	6.1	5.0	5.4	8.1	7.7	7.9	8.1	7.9	8.0	9.9	9.2	9.6
18	5.1	4.9	5.0	7.9	7.6	7.8	7.9	7.2	7.7	10.6	9.9	10.4
19	5.8	5.1	5.3	8.1	7.5	7.8	7.8	7.3	7.6	11.4	10.6	10.8
20	6.2	5.8	6.0	7.9	7.4	7.7	8.0	7.8	7.9	10.9	10.1	10.5
21	6.5	6.3	6.4	7.8	7.4	7.7	8.1	7.9	8.0	10.0	9.0	9.5
22	6.7	6.4	6.6	7.4	6.8	7.1	8.1	7.9	8.0	9.0	8.1	8.5
23	6.6	6.2	6.5	7.3	7.0	7.1	8.1	7.8	8.0	8.1	7.7	8.0
24	6.2	5.8	6.0	7.6	7.2	7.4	8.2	7.9	8.0	7.8	7.5	7.7
25	6.6	6.2	6.3	8.4	7.7	8.1	8.5	8.1	8.3	8.7	7.5	8.0
26	6.8	6.4	6.6	8.6	8.3	8.5	8.3	8.1	8.2	9.0	8.3	8.6
27	7.2	6.5	7.0	8.4	8.1	8.2	8.3	7.9	8.1	9.4	9.1	9.2
28	7.5	7.1	7.3	8.2	7.9	8.2	8.1	7.8	8.0	9.4	9.0	9.2
29	7.2	6.7	7.0	8.5	8.1	8.2	8.4	7.7	8.0	9.5	9.1	9.3
30	7.3	6.6	6.9	8.4	8.1	8.3	8.6	7.9	8.3	9.2	8.5	8.9
31	7.4	6.5	6.9	---	---	---	8.6	8.3	8.4	8.6	7.8	8.1
MONTH	7.5	3.5	5.8	9.2	5.7	7.8	10.3	7.1	8.5	11.4	7.5	9.0

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	7.4	7.6	8.0	7.8	7.9	7.7	6.9	7.4	9.3	8.1	8.8
2	9.5	8.0	8.6	8.3	7.5	7.8	7.9	7.6	7.8	10.1	6.9	8.9
3	9.9	9.2	9.6	8.4	7.4	7.9	8.0	7.7	7.8	12.4	9.1	11.0
4	9.8	9.1	9.4	7.6	7.4	7.5	8.1	7.9	8.0	9.7	7.1	8.4
5	9.5	9.3	9.4	8.0	7.5	7.7	8.0	7.7	7.9	8.1	6.1	6.8
6	9.8	9.5	9.6	8.1	7.6	7.9	8.3	7.6	7.9	6.0	4.4	5.2
7	10.0	9.7	9.9	8.5	8.0	8.2	7.9	7.4	7.7	5.7	4.5	5.1
8	10.0	9.4	9.7	8.9	8.1	8.5	7.6	7.2	7.4	5.5	4.2	4.8
9	9.5	9.3	9.4	8.3	7.8	8.1	7.3	6.4	6.8	7.1	4.6	6.1
10	9.7	9.4	9.5	8.3	7.8	8.0	7.3	6.6	6.9	7.2	6.0	6.3
11	10.0	9.7	9.8	8.1	7.6	7.9	7.4	7.0	7.1	6.5	5.6	5.9
12	9.8	9.6	9.7	8.2	7.6	7.9	7.7	6.9	7.2	6.9	6.2	6.5
13	9.7	9.4	9.6	8.5	7.7	8.1	7.6	7.2	7.4	7.2	5.9	6.5
14	9.7	9.3	9.6	8.5	7.8	8.1	7.6	7.1	7.3	7.6	6.2	6.9
15	9.5	9.2	9.4	8.2	7.5	7.8	7.7	6.9	7.2	7.3	6.6	6.8
16	9.2	9.0	9.1	7.7	7.3	7.5	7.5	6.8	7.2	6.7	6.5	6.6
17	9.0	8.7	8.9	8.1	7.5	7.8	7.0	6.3	6.6	6.7	6.4	6.6
18	8.8	8.6	8.7	7.6	7.3	7.5	7.0	6.3	6.7	6.7	6.1	6.4
19	9.1	8.8	9.0	8.0	7.4	7.7	7.3	5.9	6.6	6.7	6.1	6.5
20	9.3	8.9	9.1	8.7	7.6	7.9	7.5	5.7	6.5	6.6	6.1	6.3
21	9.2	8.9	9.1	8.3	7.3	7.7	7.2	6.4	6.8	6.3	5.8	6.1
22	9.3	9.0	9.2	8.6	7.5	8.1	6.6	6.0	6.3	6.2	5.8	6.1
23	9.2	8.9	9.1	7.8	6.6	7.2	6.6	6.2	6.4	6.2	5.9	6.1
24	8.9	8.7	8.9	6.9	6.4	6.7	7.2	6.5	6.8	7.2	6.2	6.8
25	8.7	8.5	8.6	7.5	6.9	7.1	7.1	6.3	6.7	7.4	6.9	7.1
26	8.5	8.2	8.3	8.0	7.5	7.7	7.3	6.3	6.8	7.9	7.0	7.4
27	8.2	7.8	8.0	8.1	7.8	7.9	7.6	7.0	7.2	7.7	6.9	7.4
28	7.9	7.7	7.8	8.1	7.7	7.8	8.0	7.6	7.8	7.6	7.1	7.4
29	8.4	7.7	8.0	7.8	7.5	7.7	8.5	7.8	8.2	7.6	7.1	7.3
30	---	---	---	7.6	7.1	7.4	9.0	8.1	8.5	7.4	6.3	6.9
31	---	---	---	7.2	6.9	7.1	---	---	---	9.7	7.3	8.2
MONTH	10.0	7.4	9.1	8.9	6.4	7.7	9.0	5.7	7.2	12.4	4.2	6.9

02165000 REEDY RIVER NEAR WARE SHOALS, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, OCTOBER 1971 TO JUNE 1972

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.1	6.2	7.9	---	---	---	---	---	---	---	---	---
2	8.9	6.4	7.7	---	---	---	---	---	---	---	---	---
3	8.8	7.3	7.9	---	---	---	---	---	---	---	---	---
4	8.0	7.1	7.6	---	---	---	---	---	---	---	---	---
5	8.0	6.8	7.6	---	---	---	---	---	---	---	---	---
6	10.6	8.0	8.9	---	---	---	---	---	---	---	---	---
7	12.0	9.2	10.7	---	---	---	---	---	---	---	---	---
8	10.9	9.2	10.2	---	---	---	---	---	---	---	---	---
9	10.8	9.7	10.3	---	---	---	---	---	---	---	---	---
10	12.0	9.4	10.1	---	---	---	---	---	---	---	---	---
11	9.6	7.7	8.5	---	---	---	---	---	---	---	---	---
12	8.4	7.2	7.7	---	---	---	---	---	---	---	---	---
13	7.8	7.0	7.5	---	---	---	---	---	---	---	---	---
14	7.4	6.3	6.9	---	---	---	---	---	---	---	---	---
15	8.6	7.5	8.1	---	---	---	---	---	---	---	---	---
16	9.3	7.9	8.5	---	---	---	---	---	---	---	---	---
17	9.8	8.3	9.1	---	---	---	---	---	---	---	---	---
18	8.9	5.4	7.1	---	---	---	---	---	---	---	---	---
19	6.9	3.6	5.4	---	---	---	---	---	---	---	---	---
20	7.2	3.9	5.1	---	---	---	---	---	---	---	---	---
21	7.3	5.2	6.2	---	---	---	---	---	---	---	---	---
22	5.1	5.0	5.1	---	---	---	---	---	---	---	---	---
23	5.8	5.4	5.7	---	---	---	---	---	---	---	---	---
24	5.7	5.4	5.6	---	---	---	---	---	---	---	---	---
25	5.8	5.2	5.5	---	---	---	---	---	---	---	---	---
26	6.7	5.6	5.9	---	---	---	---	---	---	---	---	---
27	6.4	5.4	5.9	---	---	---	---	---	---	---	---	---
28	6.2	5.1	5.6	---	---	---	---	---	---	---	---	---
29	9.0	5.3	6.5	---	---	---	---	---	---	---	---	---
30	6.9	6.1	6.5	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	12.0	3.6	7.4	---	---	---	---	---	---	---	---	---

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	22.0	22.5	20.5	18.0	19.0	9.0	8.5	8.5	16.0	12.5	14.5
2	24.0	22.0	22.5	21.5	20.0	21.0	9.0	8.0	8.5	17.0	15.0	16.0
3	23.0	22.0	22.5	21.5	19.5	21.0	8.5	5.5	6.5	16.5	11.5	14.0
4	23.0	22.5	22.5	19.5	16.0	18.0	6.5	4.5	5.5	12.5	12.0	12.0
5	24.0	22.5	23.0	17.5	15.0	16.5	6.0	4.0	5.0	12.0	11.5	13.0
6	25.5	23.0	24.0	17.5	12.5	15.5	4.5	3.5	4.0	12.0	7.5	10.5
7	23.5	21.0	22.5	15.0	13.0	13.5	7.5	4.0	5.5	9.5	6.0	8.0
8	21.5	19.5	20.5	14.0	12.0	13.0	8.5	6.5	7.5	9.0	8.0	8.5
9	21.0	19.5	20.0	13.5	11.5	13.0	9.0	8.5	9.0	8.5	8.0	8.5
10	19.5	17.5	18.5	13.0	10.5	11.5	10.0	9.0	9.5	10.0	7.0	8.5
11	18.0	17.0	17.5	11.5	9.5	10.0	10.5	9.0	10.0	11.5	10.0	10.5
12	19.0	17.0	17.5	11.0	8.5	9.5	11.5	10.0	11.0	11.5	10.5	11.0
13	18.5	16.5	17.5	9.5	8.5	9.0	12.5	10.0	11.5	13.5	11.0	12.0
14	19.0	16.5	17.5	11.0	8.5	9.5	13.5	12.0	12.5	14.0	12.5	13.5
15	18.5	17.0	18.0	11.5	10.0	10.5	14.0	11.5	13.0	13.0	11.5	12.5
16	20.0	18.0	19.0	12.5	10.5	11.5	15.5	14.0	15.0	11.5	8.0	9.5
17	21.5	19.5	20.5	12.5	11.5	12.0	15.5	15.0	15.5	8.5	6.5	7.0
18	20.5	19.5	20.5	13.5	12.0	12.5	15.0	13.0	14.0	6.5	5.5	6.0
19	20.0	19.0	19.5	14.5	12.5	13.5	13.0	11.5	12.0	6.5	4.5	6.0
20	19.0	19.0	19.0	14.5	13.5	14.0	11.0	10.5	11.0	7.0	5.5	6.5
21	19.0	18.0	18.5	14.5	12.5	14.0	11.5	10.5	11.0	9.0	6.5	8.0
22	19.0	18.0	18.5	13.0	11.5	12.5	11.5	9.5	10.5	10.0	8.5	9.5
23	19.5	19.0	19.5	12.0	10.5	11.0	9.5	8.5	9.0	12.0	9.5	11.0
24	19.5	18.5	19.0	11.0	10.0	10.5	8.5	8.0	8.0	13.0	11.5	12.0
25	20.0	18.5	19.0	11.0	9.0	10.0	9.0	7.0	8.0	13.5	11.0	12.5
26	19.5	17.5	18.5	10.5	9.5	10.0	9.0	6.0	7.5	12.5	9.0	10.5
27	19.5	17.5	18.5	10.5	7.5	9.5	9.0	8.0	8.5	10.5	8.5	9.5
28	19.0	17.5	18.0	8.5	6.5	7.5	10.5	8.5	9.5	11.0	9.0	10.5
29	18.0	17.0	17.5	10.0	8.5	9.0	12.0	9.5	10.5	10.5	9.0	9.5
30	18.0	17.0	17.5	9.5	8.5	9.0	16.0	11.5	13.5	9.0	8.5	9.0
31	18.5	17.5	18.0	---	---	---	15.5	13.5	14.0	10.5	7.0	9.0
MONTH	25.5	16.5	19.5	21.5	6.5	12.5	16.0	3.5	10.0	17.0	4.5	10.5

02165000 REEDY RIVER NEAR WARE SHOALS, S.C.--Continued

TEMPERATURE (°C) OF WATER, OCTOBER 1971 TO JUNE 1972

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.5	8.5	9.5	13.0	10.0	11.5	13.0	11.5	12.5	19.5	17.5	18.5
2	10.0	5.0	6.5	15.5	12.0	13.5	13.5	10.5	11.5	19.5	17.5	18.5
3	8.5	5.0	6.0	16.5	14.0	15.0	13.0	10.5	11.5	20.5	18.0	19.0
4	7.5	4.5	6.5	15.5	14.5	15.0	13.5	11.5	12.5	20.5	18.0	19.0
5	6.0	3.5	4.5	16.0	13.5	15.0	14.5	11.5	13.0	20.0	18.0	19.0
6	5.5	4.0	4.5	13.5	11.0	12.5	17.0	13.0	14.5	19.5	18.0	18.5
7	7.0	5.5	6.0	13.0	10.0	11.5	17.5	14.0	16.5	19.5	18.0	18.5
8	6.5	5.0	6.0	14.5	11.0	12.5	17.5	16.5	17.0	19.0	18.5	18.5
9	6.5	5.0	5.5	12.5	10.0	11.0	16.5	14.5	15.5	20.5	18.0	19.0
10	6.5	4.5	5.5	12.5	10.0	11.0	16.5	14.0	15.0	19.5	17.5	18.5
11	6.5	5.0	5.5	11.0	9.0	10.5	15.5	14.5	14.5	19.5	17.5	18.5
12	6.0	5.5	6.0	13.0	8.5	11.0	18.0	13.5	15.5	21.0	17.0	19.0
13	8.0	6.0	7.0	14.5	11.0	13.0	20.0	16.0	18.0	21.0	18.0	19.5
14	9.0	6.0	7.5	17.0	14.0	15.5	22.0	18.5	20.5	19.0	18.0	18.5
15	9.0	6.5	8.0	16.5	13.5	15.0	24.5	20.5	22.5	19.5	18.0	18.5
16	9.0	8.0	8.5	16.0	14.0	15.0	24.5	22.5	23.5	20.0	17.5	18.5
17	9.0	8.5	8.5	16.5	14.0	15.0	23.5	21.0	22.0	20.5	18.0	19.0
18	8.5	8.0	8.5	14.5	12.5	13.5	21.5	19.5	20.5	20.0	18.0	19.0
19	8.5	6.5	8.0	14.5	12.0	12.5	20.5	18.0	19.5	20.0	19.0	19.5
20	7.0	5.0	6.0	15.0	12.0	13.0	22.0	18.5	20.0	20.0	19.0	19.5
21	6.5	4.0	5.5	15.5	12.5	14.0	21.5	20.0	21.0	19.5	18.5	19.0
22	8.5	5.5	7.0	18.0	14.0	16.0	20.0	17.0	18.5	20.0	18.5	19.0
23	8.0	7.0	7.0	17.5	14.5	16.0	17.5	16.5	17.0	20.0	19.0	19.5
24	9.5	7.0	8.5	15.0	13.0	14.0	20.0	16.0	18.0	21.0	18.5	20.0
25	10.5	8.0	9.5	12.5	11.0	12.5	19.0	17.5	18.5	21.5	19.5	20.5
26	13.0	9.5	11.5	11.5	9.5	10.0	17.5	15.0	17.0	21.0	20.0	20.5
27	11.5	10.0	11.0	11.5	9.5	10.5	17.0	14.5	15.5	20.5	19.5	20.0
28	12.0	9.5	11.0	13.0	11.0	12.0	17.5	14.5	16.0	20.0	19.0	19.5
29	13.0	10.0	11.0	13.5	12.5	13.0	17.5	15.5	16.5	19.5	19.0	19.0
30	---	---	---	14.5	13.5	14.0	19.0	16.5	18.0	20.0	18.5	19.0
31	---	---	---	14.0	13.0	13.5	---	---	---	21.5	19.0	20.0
MONTH	13.0	3.5	7.5	18.0	8.5	13.0	24.5	10.5	17.0	21.5	17.0	19.0

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.5	17.5	19.0	---	---	---	---	---	---	---	---	---
2	20.5	18.5	19.5	---	---	---	---	---	---	---	---	---
3	21.0	18.0	19.5	---	---	---	---	---	---	---	---	---
4	21.5	19.0	20.0	---	---	---	---	---	---	---	---	---
5	22.5	19.5	21.0	---	---	---	---	---	---	---	---	---
6	23.5	20.5	22.0	---	---	---	---	---	---	---	---	---
7	25.0	20.0	22.5	---	---	---	---	---	---	---	---	---
8	24.5	23.0	23.5	---	---	---	---	---	---	---	---	---
9	25.5	23.5	24.5	---	---	---	---	---	---	---	---	---
10	25.0	23.0	24.0	---	---	---	---	---	---	---	---	---
11	23.5	21.5	22.5	---	---	---	---	---	---	---	---	---
12	22.5	20.5	21.5	---	---	---	---	---	---	---	---	---
13	23.0	20.5	22.0	---	---	---	---	---	---	---	---	---
14	23.5	21.5	22.5	---	---	---	---	---	---	---	---	---
15	23.5	21.5	22.5	---	---	---	---	---	---	---	---	---
16	24.5	21.5	23.0	---	---	---	---	---	---	---	---	---
17	24.5	23.5	24.0	---	---	---	---	---	---	---	---	---
18	24.0	22.5	23.5	---	---	---	---	---	---	---	---	---
19	23.0	22.5	23.0	---	---	---	---	---	---	---	---	---
20	23.0	22.5	22.5	---	---	---	---	---	---	---	---	---
21	23.0	21.0	22.0	---	---	---	---	---	---	---	---	---
22	21.5	21.0	21.5	---	---	---	---	---	---	---	---	---
23	22.5	21.0	22.0	---	---	---	---	---	---	---	---	---
24	22.5	20.0	21.5	---	---	---	---	---	---	---	---	---
25	22.0	20.0	21.0	---	---	---	---	---	---	---	---	---
26	23.5	20.5	22.0	---	---	---	---	---	---	---	---	---
27	23.0	21.5	22.5	---	---	---	---	---	---	---	---	---
28	23.0	22.0	22.5	---	---	---	---	---	---	---	---	---
29	24.5	22.5	23.0	---	---	---	---	---	---	---	---	---
30	23.0	22.5	22.5	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	25.5	17.5	22.0	---	---	---	---	---	---	---	---	---

02165000 REEDY RIVER NEAR WARE SHOALS, S.C.--Continued

PH (UNITS), OCTOBER 1971 TO JUNE 1972

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	7.4	6.4	7.1	7.0	6.8	6.9	7.4	7.0	7.2
2	---	---	---	---	---	---	7.1	6.8	6.9	7.5	7.0	7.2
3	---	---	---	---	---	---	7.2	6.7	7.0	8.6	6.7	7.6
4	---	---	---	6.9	6.8	6.8	7.2	6.9	7.1	7.4	6.8	7.2
5	---	---	---	7.0	6.6	6.9	7.2	6.8	7.0	7.1	6.7	6.9
6	---	---	---	7.0	6.6	6.8	7.1	6.8	7.0	6.9	6.7	6.8
7	---	---	---	7.2	6.7	7.0	7.1	6.8	7.0	6.9	6.7	6.8
8	---	---	---	7.3	6.8	7.0	6.9	6.7	6.8	7.1	6.7	6.9
9	---	---	---	7.1	6.8	6.9	7.1	6.7	6.9	7.1	6.8	6.9
10	---	---	---	7.2	6.8	7.0	7.1	6.8	7.0	6.9	6.6	6.8
11	---	---	---	7.1	6.8	6.9	7.1	6.9	7.0	6.8	6.6	6.7
12	---	---	---	7.2	6.8	7.0	7.1	6.9	7.0	7.3	6.6	6.9
13	---	---	---	7.2	6.8	7.0	7.2	6.8	7.0	7.0	6.5	6.8
14	---	---	---	7.1	6.9	7.0	7.0	6.7	6.9	7.2	6.6	7.0
15	---	---	---	7.0	6.7	6.9	7.1	6.6	6.9	6.7	6.4	6.6
16	---	---	---	6.9	6.6	6.8	7.1	6.7	6.9	6.6	6.2	6.4
17	---	---	---	7.0	6.6	6.9	7.0	6.6	6.8	6.5	6.2	6.4
18	---	---	---	7.0	6.6	6.9	7.0	6.6	6.9	6.6	6.2	6.4
19	---	---	---	7.1	6.8	7.0	7.1	6.7	6.9	6.6	6.4	6.5
20	---	---	---	7.2	6.8	7.0	7.2	6.6	6.9	6.8	6.5	6.6
21	---	---	---	7.1	6.8	7.0	7.0	6.8	6.9	6.9	6.6	6.7
22	---	---	---	8.0	6.9	7.3	7.0	6.9	6.9	6.9	6.6	6.7
23	---	---	---	7.2	6.5	7.0	7.1	6.8	7.0	6.8	6.5	6.7
24	---	---	---	6.9	6.5	6.8	7.2	6.8	7.0	6.8	6.5	6.6
25	---	---	---	6.8	6.6	6.8	7.0	6.7	6.9	6.7	6.4	6.6
26	---	---	---	7.1	6.8	6.9	7.1	6.7	6.9	6.8	6.4	6.6
27	---	---	---	7.1	6.9	7.0	7.2	6.8	7.0	6.8	6.6	6.7
28	---	---	---	7.1	6.9	7.0	7.3	6.9	7.1	7.0	6.8	6.9
29	7.0	6.3	6.8	7.0	6.9	6.9	7.2	7.0	7.1	7.0	6.9	6.9
30	---	---	---	7.0	6.8	6.9	7.3	7.0	7.2	7.0	6.9	6.9
31	---	---	---	6.9	6.7	6.8	---	---	---	7.9	6.9	7.2
MONTH	---	---	---	8.0	6.4	6.9	7.3	6.6	7.0	8.6	6.2	6.8

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.7	6.8	7.3	---	---	---	---	---	---	---	---	---
2	7.8	6.7	7.1	---	---	---	---	---	---	---	---	---
3	7.7	7.0	7.3	---	---	---	---	---	---	---	---	---
4	7.5	7.0	7.2	---	---	---	---	---	---	---	---	---
5	7.6	7.0	7.3	---	---	---	---	---	---	---	---	---
6	7.8	6.8	7.3	---	---	---	---	---	---	---	---	---
7	7.8	6.9	7.4	---	---	---	---	---	---	---	---	---
8	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
9	7.6	7.0	7.2	---	---	---	---	---	---	---	---	---
10	7.9	7.0	7.2	---	---	---	---	---	---	---	---	---
11	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
12	7.5	7.0	7.1	---	---	---	---	---	---	---	---	---
13	7.3	7.0	7.1	---	---	---	---	---	---	---	---	---
14	7.9	7.0	7.4	---	---	---	---	---	---	---	---	---
15	7.9	7.3	7.5	---	---	---	---	---	---	---	---	---
16	7.7	7.3	7.5	---	---	---	---	---	---	---	---	---
17	7.7	7.5	7.6	---	---	---	---	---	---	---	---	---
18	7.7	7.3	7.5	---	---	---	---	---	---	---	---	---
19	7.5	7.3	7.4	---	---	---	---	---	---	---	---	---
20	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
21	7.4	6.2	6.9	---	---	---	---	---	---	---	---	---
22	6.1	6.0	6.1	---	---	---	---	---	---	---	---	---
23	6.6	6.1	6.4	---	---	---	---	---	---	---	---	---
24	6.8	6.1	6.5	---	---	---	---	---	---	---	---	---
25	6.9	6.3	6.7	---	---	---	---	---	---	---	---	---
26	7.5	6.5	6.9	---	---	---	---	---	---	---	---	---
27	7.0	6.5	6.8	---	---	---	---	---	---	---	---	---
28	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
29	7.1	6.6	6.9	---	---	---	---	---	---	---	---	---
30	6.9	6.6	6.7	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	8.7	6.0	7.1	---	---	---	---	---	---	---	---	---

02167000 SALUDA RIVER AT CHAPPELLS, S.C.

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, at gaging station at downstream side of bridge on State Highway 39, at Chappells, 6.7 miles downstream from dam at Lake Greenwood, 8.8 miles upstream from Little River, and at mile 52.3.

DRAINAGE AREA.--1,350 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: October 1946 to September 1947, November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 17...	0900	15.0	270	82	6.9	7.2	10*
JAN. 12...	0920	11.0	9090	56	6.8	10.0	--
MAR. 22...	0905	14.0	318	64	7.1	9.7	150
JUNE 12...	0735	17.0	130	66	6.7	6.6	30
JULY 31...	0800	25.0	597	60	6.6	5.1	140
AUG. 31...	1235	26.5	94	56	6.5	5.3	--
SEP. 13...	1230	25.5	127	58	6.5	5.6	85

SANTEE RIVER BASIN

02167705 LITTLE SALUDA RIVER NEAR SALUDA, S.C.

LOCATION.--Lat 34°02'40", long 81°41'50", Saluda County, at bridge on County Highway 39, 2.9 miles upstream from Big Creek, 5.1 miles northeast of Saluda, and at mile 12.2.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 17...	0825	11.5	160	7.2	8.3	120
JAN. 12...	0845	12.5	49	6.4	9.2	2300
MAR. 22...	0830	15.0	145	7.1	8.4	2200
JUNE 12...	0700	16.5	150	7.0	6.5	840
JULY 12...	0815	21.0	130	6.9	5.3	300
AUG. 31...	1405	23.5	165	7.0	6.5	100
SEP. 14...	1400	22.0	250	8.0	10.0	1600

* Value based on non-ideal colony count.

02169500 CONGAREE RIVER AT COLUMBIA, S.C.

LOCATION.--Lat 33°59'35", long 81°03'00", Lexington County, at Columbia, at Blossom Street bridge, 1,000 ft downstream from gaging station, and 1.6 miles downstream from confluence of Broad and Saluda Rivers.

DRAINAGE AREA.--7,850 sq mi, approximately (at gaging station).

PERIOD OF RECORD.--Chemical analyses: October 1948 to September 1949, October 1958 to September 1960, October 1964 to September 1965, July 1971 to September 1972.

CHEMICAL ANALYSES, JULY 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPER- ATURE (DEG C)	DIS- CHARGE (CFS)	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS)	PH (UNITS)	DIS- SOLVED OXYGEN (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)
JULY, 1971							
09...	0800	26.0	10290	70	7.1	7.9	400
AUG.							
23...	0920	25.5	4100	75	7.4	8.0	1100
SEP.							
08...	1245	19.0	12000	72	6.8	8.2	100
OCT.							
07...	0710	19.5	3430	100	7.5	8.3	800
NOV.							
30...	0815	9.5	8190	75	7.3	11.2	400
DEC.							
21...	1140	14.0	17900	73	6.9	10.8	360
JAN., 1972							
25...	1155	13.0	17700	70	7.1	11.1	--
FEB.							
23...	1235	8.5	10400	68	7.2	11.8	--
MAR.							
15...	0930	13.0	2940	80	7.5	10.5	--
APR.							
21...	0900	21.5	3430	75	7.3	8.5	250
MAY							
25...	0825	20.5	13200	58	7.1	9.1	510
JUNE							
16...	0845	22.5	4000	74	7.5	8.7	370
JULY							
13...	0950	25.0	6100	62	7.4	7.8	2600
AUG.							
22...	1320	22.0	6500	72	6.4	9.6	160
SEP.							
21...	0730	22.0	2830	85	8.0	8.1	--

SANTEE RIVER BASIN

02169570 GILLS CREEK AT COLUMBIA, S.C.

LOCATION.--Lat 33°59'22", long 80°58'26", Richland County, at gaging station, at upstream side of bridge on Devine Street, at Columbia, and 0.75 mile downstream from Lake Katherine.

DRAINAGE AREA.--59.6 sq mi.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
DEC.							
08...	0900	10.0	158	63	6.5	10.6	--
FEB.							
23...	1215	8.5	178	60	6.3	11.7	130
APR.							
21...	1130	23.0	83	80	6.7	7.8	--
MAY							
19...	1205	24.0	100	70	6.9	8.2	--
JULY							
13...	0800	26.0	74	75	6.6	6.8	--
AUG.							
22...	1035	28.0	62	110	6.3	6.3	100
SEP.							
21...	1500	27.0	51	160	6.7	4.6	350

SANTEE RIVER BASIN

02169603 CONGAREE RIVER NEAR CAYCE, S.C.

LOCATION.--Lat 33°52'45", long 81°00'48", Lexington County, at Carolina Eastman Company water intake, 0.5 mile downstream from Toms Branch, 7.2 miles south of Cayce, 9.8 miles downstream from gaging station, and at mile 165.0.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.						
07...	1020	22.0	87	7.3	7.8	10000
NOV.						
30...	0920	11.0	70	7.2	10.2	--
DEC.						
21...	1345	14.5	71	7.1	10.4	3000
JAN.						
25...	1120	12.5	70	6.9	10.5	--
FEB.						
24...	1045	7.5	68	6.8	11.6	600
MAR.						
15...	1050	13.0	77	7.4	10.6	--
APR.						
21...	0945	21.5	70	7.0	8.3	6000
MAY						
25...	0905	20.0	58	6.9	8.8	2600
JUNE						
16...	0945	21.5	71	6.8	8.2	3600
JULY						
21...	0915	23.0	70	6.7	7.4	500

SANTEE RIVER BASIN

02169750 CONGAREE RIVER NEAR FT. MOTTE, S.C.

LOCATION.--Lat 33°45'10", long 80°38'43", Calhoun County, at bridge on U.S. Highway 601, 0.9 mile downstream from Buckhead Creek, 1.9 miles upstream from confluence with Wateree River, 2.6 miles downstream from Southern Railway bridge, 3.0 miles northeast of Ft. Motte, and at mile 126.2.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT. 07...	1120	20.5	6500	76	6.9	7.6	3100
NOV. 30...	1015	11.0	--	70	7.1	11.0	2400
DEC. 21...	1035	14.0	16000	76	7.0	10.1	10000
JAN. 24...	1200	12.5	16000	70	6.7	10.3	--
FEB. 23...	0930	7.0	17500	67	6.9	11.6	--
MAR. 15...	1145	14.0	7800	73	7.4	10.2	--
APR. 21...	1030	21.0	--	72	6.9	8.3	4000
MAY 19...	1110	20.5	25000	53	6.6	8.0	1200
JUNE 16...	1040	22.5	10000	72	6.9	8.1	1200
JULY 21...	1015	26.0	--	70	6.8	7.5	500

SANTEE RIVER BASIN

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.

LOCATION.--Lat 33°23'15", long 80°08'25", Berkeley County, at bridge on State Highway 45, 0.6 mile downstream from gaging station, and 7.0 miles southwest of Pineville.

PERIOD OF RECORD.--Chemical analyses: December 1971 to September 1972.

CHEMICAL ANALYSES, DECEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)
DEC. 15...	1050	15.0	82	7.3	11.1
FEB. 16...	1115	10.5	74	7.5	11.7
APR. 25...	1130	18.5	85	7.6	9.1
MAY 19...	0955	22.5	86	7.7	8.9
JULY 26...	1100	29.0	80	7.0	7.6
AUG. 30...	1240	27.5	78	7.8	7.7
SEP. 20...	1330	28.0	75	7.3	7.7

02171600 SANTEE RIVER NEAR ST. STEPHENS, S.C.

LOCATION.--Lat 33°29'40", long 79°57'40", Berkeley County, at bridge on U.S. Highway 52, 0.8 mile downstream from Campbells Branch, 4.8 miles upstream from Seaboard Coast Line Railroad bridge, 6.5 miles northwest of St. Stephens, 11.9 miles upstream from gaging station, and at mile 63.7.

PERIOD OF RECORD.--Chemical analyses: July 1969 to September 1972.

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMPERATURE (DEG C)	DISCHARGE (CFS)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT.							
06...	1215	25.0	600	84	6.8	7.3	--
NOV.							
23...	1345	10.5	790	89	7.0	9.5	20
DEC.							
15...	1015	16.5	720	90	7.0	9.5	22
JAN.							
21...	1120	14.0	19000	85	7.2	11.4	29
FEB.							
16...	1040	10.5	5440	85	6.6	10.0	16*
MAR.							
27...	1330	16.5	760	88	7.0	10.2	25
APR.							
19...	0830	19.5	690	86	7.1	8.3	--
MAY							
17...	0705	21.0	790	90	6.9	7.5	15*
JUNE							
20...	1100	24.5	810	92	7.1	7.3	30
JULY							
26...	1200	30.0	790	84	6.8	7.2	--
AUG.							
30...	1005	27.5	680	82	7.2	6.9	--
SEP.							
20...	1230	28.0	660	82	6.9	6.8	4*

* Value based on non-ideal colony count.

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.

LOCATION.--Lat 33°02'26", long 79°56'14", Berkeley County, on right bank 6.2 miles downstream from Seaboard Coast Line Railroad bridge, 7.4 miles upstream from Goose Creek, and at mile 28.5.

PERIOD OF RECORD.--Chemical analyses: October 1970 to September 1972.
Water temperatures: October 1970 to September 1972.

EXTREMES, 1970-71.--Specific conductance: Maximum, greater than 516 micromhos Oct. 9-19; minimum, 31 micromhos July 21.
Water temperatures: Maximum, 33.0°C July 18-19, 1971; minimum, 4.5°C Feb. 15, 1971.

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	105	98	103	120	100	112	105	102	103	113	99	103
2	103	90	95	117	102	108	105	102	103	104	98	101
3	101	90	95	111	101	107	113	102	108	103	99	101
4	100	92	95	110	101	106	111	102	105	109	99	104
5	101	91	96	---	---	---	107	102	103	102	100	101
6	98	92	95	---	---	---	109	98	103	103	98	100
7	99	92	96	---	---	---	112	99	103	103	99	101
8	102	92	97	---	---	---	110	100	103	103	97	99
9	107	93	101	---	---	---	107	100	103	110	97	102
10	114	97	105	---	---	---	113	102	108	109	104	107
11	109	93	99	---	---	---	116	98	104	111	94	104
12	107	92	98	136	110	126	113	98	103	109	99	103
13	105	94	99	129	106	116	104	99	101	105	96	101
14	108	95	103	119	104	108	112	100	105	111	97	100
15	108	91	99	108	103	105	116	99	104	108	98	101
16	120	101	109	108	102	104	108	99	103	---	---	---
17	117	92	105	107	102	105	103	100	102	---	---	---
18	105	94	100	108	102	105	105	100	102	---	---	---
19	108	93	100	107	102	105	103	100	101	---	---	---
20	123	103	115	107	102	105	113	101	108	---	---	---
21	140	109	124	107	103	105	114	104	109	---	---	---
22	145	111	130	107	103	104	108	100	103	---	---	---
23	138	96	120	107	104	104	105	100	102	---	---	---
24	117	100	108	117	104	109	103	100	102	---	---	---
25	113	102	108	113	104	107	105	101	102	---	---	---
26	115	107	111	107	103	105	110	99	101	---	---	---
27	121	98	109	115	102	105	103	99	101	---	---	---
28	110	96	102	108	102	104	107	99	101	98	95	96
29	110	97	103	117	101	107	104	99	100	109	97	102
30	118	107	112	105	101	103	107	99	100	102	95	97
31	124	97	110	---	---	---	102	100	101	107	98	103
MONTH	145	90	105	---	---	---	116	98	103	---	---	---

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	109	91	102	---	---	---	---	---	---	111	86	94
2	95	93	94	---	---	---	---	---	---	99	85	90
3	96	91	94	---	---	---	---	---	---	100	85	90
4	96	91	95	---	---	---	---	---	---	92	90	91
5	97	93	95	---	---	---	---	---	---	---	---	---
6	95	94	95	---	---	---	83	81	82	---	---	---
7	110	91	96	---	---	---	84	81	83	---	---	---
8	94	91	93	---	---	---	334	81	93	---	---	---
9	94	91	93	---	---	---	83	80	82	---	---	---
10	105	93	99	---	---	---	84	81	83	---	---	---
11	105	93	98	---	---	---	84	82	83	---	---	---
12	97	93	94	---	---	---	85	83	84	---	---	---
13	99	91	93	---	---	---	85	82	84	---	---	---
14	---	---	---	---	---	---	85	83	84	95	85	88
15	---	---	---	---	---	---	86	83	84	93	85	88
16	---	---	---	---	---	---	86	83	85	94	86	88
17	---	---	---	---	---	---	87	84	86	88	85	87
18	---	---	---	---	---	---	86	83	85	88	86	87
19	---	---	---	---	---	---	87	84	86	87	84	86
20	---	---	---	---	---	---	95	86	89	89	85	86
21	---	---	---	---	---	---	108	89	94	89	86	88
22	---	---	---	---	---	---	146	91	110	92	87	89
23	---	---	---	---	---	---	169	99	130	92	87	89
24	---	---	---	---	---	---	180	93	126	91	86	88
25	---	---	---	---	---	---	150	93	118	92	87	88
26	---	---	---	---	---	---	165	95	126	92	86	88
27	---	---	---	---	---	---	178	88	122	96	88	91
28	---	---	---	---	---	---	122	88	102	99	89	94
29	---	---	---	---	---	---	118	88	99	96	87	91
30	---	---	---	---	---	---	98	86	91	96	87	91
31	---	---	---	---	---	---	---	---	---	98	88	93
MONTH	---	---	---	---	---	---	334	80	96	---	---	---

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	96	87	89	92	89	90	95	91	93	105	98	101
2	94	87	89	93	89	90	94	66	91	101	86	94
3	91	87	89	93	89	91	107	90	93	98	89	93
4	92	88	89	95	90	93	94	90	92	104	91	96
5	92	88	90	99	93	95	97	90	93	103	93	98
6	92	89	91	99	92	97	101	93	97	102	95	98
7	97	89	92	98	90	93	98	90	94	113	94	103
8	95	90	92	95	90	91	96	90	92	101	95	98
9	96	88	91	93	89	91	95	90	91	98	90	94
10	95	89	91	95	90	92	92	89	91	98	89	94
11	93	91	92	100	94	97	94	89	91	100	92	96
12	94	89	91	100	90	95	95	88	91	95	88	93
13	94	89	91	98	91	94	92	88	90	98	91	95
14	94	90	92	98	91	94	92	87	89	101	93	98
15	94	90	92	97	92	94	91	87	89	108	101	105
16	94	90	92	99	92	95	90	87	89	103	100	101
17	93	90	91	100	92	95	92	88	90	102	92	98
18	92	90	91	98	91	93	92	88	89	105	97	100
19	99	90	96	95	91	92	92	88	90	104	98	101
20	98	90	94	94	91	93	96	89	91	129	92	106
21	97	88	92	95	91	93	96	90	93	114	96	107
22	92	89	90	95	91	93	95	89	92	---	---	---
23	91	88	90	94	92	93	93	89	91	---	---	---
24	92	88	90	95	92	93	94	89	91	---	---	---
25	95	88	91	95	92	93	99	91	94	---	---	---
26	96	88	92	94	91	92	103	89	94	---	---	---
27	97	89	92	94	92	93	99	92	94	114	103	111
28	96	89	92	94	91	92	100	92	97	114	102	108
29	94	88	91	94	90	92	104	92	97	106	100	103
30	95	89	91	94	90	92	102	95	97	103	94	99
31	---	---	---	94	91	92	103	98	101	---	---	---
MONTH	99	87	91	100	89	93	107	66	92	129	86	100
YEAR	334	66	98									

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.5	23.5	24.0	21.5	21.0	21.5	12.5	11.5	12.0	13.5	13.0	13.0
2	24.5	24.0	24.0	22.0	21.5	21.5	12.0	11.0	11.5	13.5	13.0	13.5
3	25.5	24.0	24.5	21.5	21.0	21.5	11.5	10.0	11.0	13.5	13.0	13.5
4	25.5	24.5	25.0	21.5	20.0	20.5	10.5	10.0	10.5	14.0	13.0	13.5
5	25.5	24.5	25.0	---	---	---	10.5	10.0	10.5	14.0	13.0	13.5
6	25.5	25.0	25.0	---	---	---	11.5	10.5	11.0	13.0	12.0	12.5
7	25.0	24.0	24.5	---	---	---	12.5	11.0	11.5	12.5	12.0	12.5
8	24.5	23.0	23.5	---	---	---	12.0	11.0	11.5	13.5	12.0	12.5
9	23.5	22.0	22.5	---	---	---	12.0	11.5	11.5	13.5	13.0	13.5
10	22.5	22.0	22.5	---	---	---	12.0	11.0	11.5	13.5	13.0	13.0
11	22.0	21.0	21.5	---	---	---	12.0	11.5	12.0	13.5	13.0	13.5
12	21.5	20.5	21.0	14.5	14.5	14.5	13.0	12.0	12.5	14.0	13.5	13.5
13	21.5	20.5	21.5	15.0	14.5	15.0	13.0	12.5	13.0	13.5	12.5	13.0
14	22.0	21.5	21.5	15.5	14.5	15.5	13.0	12.5	13.0	12.5	11.0	11.5
15	22.0	21.5	21.5	15.5	15.5	15.5	13.5	12.5	13.0	11.5	11.0	11.5
16	22.0	21.5	21.5	15.5	15.5	15.5	14.0	13.0	13.5	---	---	---
17	22.0	21.5	21.5	16.0	15.5	15.5	14.0	13.5	14.0	---	---	---
18	21.5	21.0	21.5	16.0	15.0	15.5	14.0	13.0	13.5	---	---	---
19	21.0	20.0	20.5	16.0	15.0	15.5	13.0	12.5	13.0	---	---	---
20	21.0	20.0	20.5	16.0	15.5	16.0	13.0	13.0	13.0	---	---	---
21	21.0	20.0	20.5	15.5	14.5	15.0	13.5	13.0	13.0	---	---	---
22	21.5	20.5	21.0	14.5	13.5	14.0	13.5	12.5	13.0	---	---	---
23	21.5	21.0	21.5	13.5	12.5	13.0	12.5	12.0	12.5	---	---	---
24	22.0	21.0	21.5	13.0	12.5	12.5	12.5	12.0	12.5	---	---	---
25	21.5	20.5	21.0	12.5	11.5	12.0	12.5	12.0	12.0	---	---	---
26	21.0	20.0	20.5	12.0	11.5	12.0	13.0	12.0	12.5	---	---	---
27	21.0	20.0	20.5	12.0	11.5	12.0	13.0	12.0	12.5	---	---	---
28	21.0	19.5	20.5	12.0	11.5	12.0	13.5	13.0	13.0	12.5	12.0	12.0
29	21.0	20.5	20.5	13.0	12.0	12.5	13.5	13.0	13.0	12.5	12.0	12.0
30	21.0	20.5	21.0	12.5	12.0	12.5	14.0	13.0	13.5	12.0	11.0	11.5
31	21.5	20.5	21.0	---	---	---	13.5	13.0	13.5	11.5	11.0	11.0
MONTH	25.5	19.5	22.0	---	---	---	14.0	10.0	12.5	---	---	---

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.0	10.5	11.0	---	---	---	---	---	---	19.5	19.5	19.5
2	10.5	10.0	10.0	---	---	---	---	---	---	20.0	19.5	19.5
3	10.0	9.0	9.5	---	---	---	---	---	---	20.0	19.5	19.5
4	9.5	9.0	9.5	---	---	---	---	---	---	19.5	19.5	19.5
5	9.5	8.5	9.0	---	---	---	---	---	---	---	---	---
6	9.0	8.0	8.5	---	---	---	16.0	15.0	15.5	---	---	---
7	8.5	8.0	8.5	---	---	---	16.0	15.0	15.5	---	---	---
8	9.0	8.0	8.5	---	---	---	16.0	15.0	15.5	---	---	---
9	9.0	8.5	8.5	---	---	---	15.0	14.0	14.5	---	---	---
10	9.0	8.5	9.0	---	---	---	15.5	14.5	15.0	---	---	---
11	9.0	7.0	8.0	---	---	---	15.5	15.5	15.5	---	---	---
12	8.5	7.0	7.5	---	---	---	16.5	15.5	16.0	---	---	---
13	9.0	8.5	9.0	---	---	---	18.0	16.0	17.0	---	---	---
14	---	---	---	---	---	---	18.5	17.0	18.0	20.0	19.5	20.0
15	---	---	---	---	---	---	19.0	18.0	18.5	20.0	19.5	20.0
16	---	---	---	---	---	---	19.5	18.5	19.0	21.5	20.0	20.5
17	---	---	---	---	---	---	19.5	19.0	19.0	22.5	20.0	21.0
18	---	---	---	---	---	---	19.0	19.0	19.0	22.5	20.5	21.0
19	---	---	---	---	---	---	19.5	18.5	19.0	30.0	20.0	21.0
20	---	---	---	---	---	---	19.5	19.0	19.5	22.0	20.0	21.0
21	---	---	---	---	---	---	20.0	19.0	19.5	21.5	20.0	21.0
22	---	---	---	---	---	---	20.5	19.5	20.0	22.5	20.5	21.5
23	---	---	---	---	---	---	21.0	19.5	20.0	22.0	20.5	21.0
24	---	---	---	---	---	---	22.0	19.5	20.5	21.5	20.5	21.0
25	---	---	---	---	---	---	21.5	20.0	21.0	23.0	21.0	22.0
26	---	---	---	---	---	---	21.5	20.0	21.0	22.0	20.0	20.5
27	---	---	--	---	---	---	21.0	20.0	20.5	20.0	19.5	20.0
28	---	---	---	---	---	---	20.5	19.5	20.0	19.5	19.5	19.5
29	---	---	---	---	---	---	24.5	19.5	20.0	20.0	19.5	20.0
30	---	---	---	---	---	---	20.0	19.5	20.0	20.5	20.0	20.0
31	---	---	---	---	---	---	---	---	---	21.0	20.0	20.0
MONTH	---	---	---	---	---	---	24.5	14.0	18.5	---	---	---

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.5	20.0	20.0	27.0	26.0	26.5	29.0	28.5	29.0	27.5	26.5	27.0
2	21.5	20.0	20.5	27.5	26.5	27.0	29.0	28.0	29.0	26.5	26.0	26.0
3	22.5	20.5	21.5	27.5	26.5	27.0	30.0	29.0	29.0	27.0	26.0	26.5
4	22.5	20.5	21.5	28.0	27.5	28.0	29.5	29.0	29.5	27.0	26.5	26.5
5	23.0	21.5	22.5	28.0	27.5	28.0	29.5	28.5	29.0	27.5	26.5	27.0
6	24.5	22.5	23.5	27.5	20.5	27.0	29.0	28.5	28.5	26.5	26.5	26.5
7	24.5	24.0	24.5	27.0	26.5	26.5	29.0	28.0	28.5	26.5	25.5	26.0
8	25.5	24.5	25.0	27.0	26.5	27.0	30.0	29.0	29.0	26.5	26.0	26.0
9	25.5	24.5	25.0	27.0	26.5	27.0	30.0	28.5	29.0	26.5	26.0	26.5
10	25.0	24.5	25.0	27.0	26.0	26.5	29.5	29.0	29.0	26.5	26.0	26.5
11	25.0	23.0	24.5	26.0	26.0	26.0	29.0	28.5	28.5	26.5	25.5	26.0
12	25.0	24.0	24.5	26.5	26.0	26.0	29.0	27.5	28.0	26.5	25.0	26.0
13	25.5	23.5	25.0	27.5	26.0	26.5	29.0	28.0	28.5	26.5	26.0	26.5
14	25.5	25.0	25.0	27.0	26.5	27.0	29.0	28.0	28.5	27.0	26.0	26.5
15	26.0	25.0	25.5	27.5	27.0	27.0	29.0	28.0	28.5	26.5	26.0	26.5
16	26.0	25.0	25.5	27.5	27.0	27.5	29.0	28.0	28.5	27.0	26.5	26.5
17	26.0	25.5	26.0	27.5	27.0	27.5	28.5	28.0	28.0	27.5	26.5	26.5
18	26.0	25.5	25.5	27.5	26.5	27.0	28.5	28.0	28.0	27.0	26.0	26.5
19	25.5	24.0	25.0	27.5	27.0	27.5	29.0	28.0	28.5	27.0	26.0	26.5
20	25.0	24.5	24.5	28.0	27.0	27.5	29.0	28.5	29.0	27.0	25.0	26.5
21	26.0	24.0	25.0	28.0	27.5	27.5	29.0	28.5	28.5	26.5	26.0	26.5
22	26.0	25.5	25.5	28.5	27.5	28.0	28.5	28.0	28.5	---	---	---
23	25.5	25.0	25.5	28.5	28.0	28.0	28.5	28.0	28.0	---	---	---
24	25.5	25.0	25.0	29.0	28.0	28.5	28.5	28.0	28.5	---	---	---
25	25.5	25.0	25.5	28.5	28.0	28.5	28.5	28.0	28.0	---	---	---
26	26.0	25.0	25.5	28.5	28.0	28.5	28.0	27.5	28.0	---	---	---
27	26.5	25.5	26.0	28.5	28.0	28.5	28.5	28.0	28.0	27.0	26.5	26.5
28	26.0	25.5	25.5	28.5	28.0	28.5	28.5	28.0	28.0	27.0	26.0	26.5
29	26.5	25.5	26.0	29.5	28.0	28.5	28.5	28.0	28.5	27.0	26.0	26.5
30	27.0	26.0	26.5	29.5	28.5	29.0	28.5	28.0	28.5	26.5	25.5	26.0
31	---	---	---	29.0	28.5	29.0	28.5	27.5	28.0	---	---	---
MONTH	27.0	20.0	24.5	29.5	20.5	27.5	30.0	26.0	28.5	27.5	25.0	26.5
YEAR	30.0	7.0	20.5									

COOPER RIVER BASIN

02172070 TOWN CREEK AT CHARLESTON, S.C.

LOCATION.--Lat 32°48'08", long 79°55'49", Charleston County, at bridge on U.S. Highway 17, 0.2 mile east of Charleston, and at mile 0.3.

PERIOD OF RECORD.--Chemical analyses: July 1971 to June 1972 (discontinued).

CHEMICAL ANALYSES, JULY 1971 TO JUNE 1972

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
JULY, 1971 14...	1415	28.0	35000	7.9	6.9	1600
AUG. 19...	0910	27.5	10000	7.8	5.1	--
SEP. 15...	1255	28.0	31000	8.3	7.3	1700
OCT. 18...	1515	23.0	20000	7.9	6.7	--
NOV. 14...	1010	16.5	26000	7.7	6.6	--
DEC. 15...	1415	17.0	13000	7.8	9.8	5100
JAN., 1972 20...	1400	12.0	26000	8.0	11.0	180
FEB. 16...	1535	10.5	7800	7.7	11.2	200
MAR. 27...	1130	15.0	27000	7.9	9.8	100
APR. 25...	0945	18.5	30000	8.0	8.2	110
MAY 19...	0710	20.5	20000	7.9	7.8	210
JUNE 20...	1250	25.5	29000	7.9	7.6	400

COOPER RIVER BASIN

02172071 COOPER RIVER AT CHARLESTON, S.C.

LOCATION.--Lat 32°48'11", long 79°54'55", Charleston County, at bridge on U.S. Highway 17, 1 mile east of Charleston, and at mile 1.35.

PERIOD OF RECORD.--Chemical analyses: July 1971 to June 1972 (discontinued).

CHEMICAL ANALYSES, JULY 1971 TO JUNE 1972

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
JULY, 1971 14...	1330	28.0	33000	7.9	7.1	480
AUG. 19...	0920	27.5	11000	7.8	5.0	--
SEP. 15...	1215	27.5	33000	8.3	7.1	300
OCT. 18...	1520	23.0	26000	8.0	6.3	--
NOV. 14...	1000	16.5	32000	7.7	7.5	--
DEC. 15...	1355	17.0	24000	8.0	9.9	150
JAN., 1972 20...	1255	12.0	34000	8.1	11.1	47
FEB. 16...	1440	10.0	14000	7.8	11.2	48
MAR. 27....	1200	15.0	29000	7.9	9.6	40
APR. 25...	0920	18.5	35000	8.1	8.6	40
MAY 19...	0745	20.5	27000	8.0	8.2	54
JUNE 21...	0715	23.0	24000	7.8	7.5	50

02172090 ASHLEY RIVER AT CHARLESTON, S.C.

LOCATION.--Lat 32°47'00", long 79°57'39", Charleston County, at bridge on U.S. Highway 17, at Charleston, 0.9 mile upstream from Wappoo Creek, and at mile 2.2.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT.						
19...	0945	20.0	30000	8.0	8.2	--
NOV.						
23...	1515	13.0	28000	7.9	9.9	600
DEC.						
15...	1325	18.0	28000	7.8	9.6	950
JAN.						
20...	1325	12.5	24000	8.0	10.8	140
FEB.						
16...	1410	11.5	15000	7.6	11.0	230
MAR.						
27...	1115	15.0	28000	7.8	9.5	320
APR.						
25...	0900	18.5	30000	7.9	8.0	110
MAY						
19...	0640	21.0	27000	7.6	7.4	610
JUNE						
20...	1225	25.0	24000	7.8	7.6	170
JULY						
27...	1005	29.0	57000	8.6	7.0	22

02175000 EDISTO RIVER NEAR GIVHANS, S.C.
(International Hydrological Decade Station)

LOCATION.--Lat 33°01'40", long 80°23'30", Dorchester County, at gaging station on left bank at downstream side of bridge on State Highway 61, 2.3 miles downstream from Four Hole Swamp, 2.8 miles west of Givhans, and at mile 39.9.

DRAINAGE AREA.--2,730 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: March 1967 to September 1972.
Water temperatures: March 1967 to September 1972 (discontinued).
Sediment records: March 1967 to September 1972 (discontinued).

EXTREMES, 1971-72.--Specific conductance: Maximum daily, 85 micromhos Aug. 8; minimum daily, 50 micromhos on several days.
Water temperatures: Maximum daily, 30.0°C on several days in August; minimum daily, 8.0°C Feb. 7, 19.
Sediment concentrations: Maximum daily, 36 mg/l Aug. 16; minimum daily, 2 mg/l Dec. 1, 13.
Sediment loads: Maximum daily, 519 tons Feb. 7; minimum daily, 6.8 tons Sept. 20.

EXTREMES, 1967-72.--Specific conductance: Maximum daily, 92 micromhos Oct. 25-27, 1968; minimum daily, 37 micromhos Nov. 10, 17, 1967.
Water temperatures: Maximum daily, 32.0°C Aug. 1, 1968, July 23, 26, 1969; minimum daily, 3.0°C Jan. 13-19, 1968.
Sediment concentrations: Maximum daily, 85 mg/l June 10, 1969; minimum daily, 1 mg/l Nov. 25, 1969.
Sediment loads: Maximum daily, 2,389 tons May 26, 1969; minimum daily, 3.5 tons Nov. 25, 1969.

SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C), WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	64	52	59	59	59	59	50	55	66	60	61
2	50	65	52	59	59	59	59	51	57	63	60	65
3	51	67	52	60	60	58	60	53	56	60	60	60
4	51	69	53	60	60	57	60	51	58	65	59	65
5	60	68	55	60	59	58	60	51	59	60	60	69
6	62	69	52	60	59	61	60	55	59	65	60	62
7	50	60	52	60	58	60	60	52	59	65	80	58
8	55	68	55	59	59	60	59	59	58	60	85	55
9	50	60	59	60	59	60	60	58	59	59	83	61
10	50	59	59	60	59	62	58	60	59	70	82	61
11	55	56	58	59	59	60	60	60	58	65	84	65
12	59	58	60	59	59	60	59	61	61	66	69	62
13	55	57	60	58	59	60	58	59	62	63	68	58
14	59	55	60	59	51	58	54	60	62	61	70	59
15	58	58	59	59	52	59	55	60	62	62	69	55
16	58	58	58	59	51	58	58	61	61	61	58	---
17	58	59	68	59	51	59	60	65	61	61	---	58
18	61	59	60	55	51	59	60	61	61	61	62	---
19	69	55	60	55	54	59	59	64	---	61	58	60
20	58	55	61	55	55	60	58	69	82	61	58	64
21	59	55	61	55	59	62	59	65	69	61	65	69
22	59	55	61	53	57	62	58	70	71	65	62	---
23	60	57	61	55	59	62	58	68	68	62	58	59
24	66	58	70	59	59	63	59	68	65	60	60	60
25	67	54	67	51	60	63	58	68	70	61	60	58
26	69	51	61	59	59	60	58	68	65	59	58	60
27	70	51	60	58	59	61	58	69	68	58	58	60
28	69	50	60	51	57	60	57	69	63	60	57	60
29	67	50	60	51	58	60	55	58	---	59	57	58
30	67	50	60	51	---	60	55	58	62	58	61	60
31	67	---	60	58	---	60	---	55	---	60	61	---
MONTH	59	58	59	56	57	60	58	60	63	62	65	61
YEAR	60											

02175000 EDISTO RIVER NEAR GIVHANS, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.0	21.0	14.0	15.0	13.0	17.0	16.0	24.0	23.0	26.0	28.0	26.0
2	27.0	21.0	11.0	15.0	12.0	14.0	14.0	22.0	24.0	26.0	29.0	26.0
3	26.0	21.0	11.0	15.0	10.0	14.0	16.0	23.0	24.0	25.0	29.0	28.0
4	27.0	20.0	11.0	17.0	12.0	14.0	15.0	26.0	24.0	26.0	29.0	26.0
5	28.0	20.0	11.0	17.0	12.0	16.0	15.0	25.0	24.0	25.0	27.0	26.0
6	27.0	21.0	11.0	15.0	14.0	15.0	16.0	23.0	23.0	24.0	28.0	22.0
7	27.0	20.0	11.0	13.0	8.0	14.0	16.0	23.0	23.0	26.0	30.0	24.0
8	26.0	19.0	11.0	15.0	9.0	14.0	14.0	21.0	24.0	26.0	30.0	22.0
9	26.0	19.0	13.0	17.0	11.0	13.0	16.0	24.0	24.0	27.0	29.0	22.0
10	26.0	20.0	16.0	18.0	13.0	13.0	17.0	23.0	23.0	24.0	29.0	22.0
11	22.0	17.0	16.0	15.0	10.0	13.0	16.0	24.0	24.0	24.0	27.0	24.0
12	26.0	17.0	18.0	15.0	11.0	12.0	17.0	23.0	24.0	24.0	29.0	24.0
13	24.0	14.0	16.0	16.0	12.0	16.0	17.0	23.0	---	27.0	29.0	24.0
14	27.0	14.0	16.0	15.0	10.0	16.0	18.0	22.0	25.0	28.0	30.0	25.0
15	26.0	14.0	15.0	13.0	10.0	16.0	18.0	23.0	25.0	26.0	30.0	28.0
16	27.0	17.0	16.0	12.0	10.0	14.0	16.0	24.0	24.0	27.0	29.0	---
17	27.0	19.0	19.0	13.0	10.0	15.0	21.0	---	25.0	27.0	---	28.0
18	22.0	19.0	14.0	9.0	10.0	15.0	21.0	21.0	24.0	27.0	30.0	---
19	19.0	17.0	16.0	12.0	8.0	15.0	22.0	23.0	---	27.0	30.0	28.0
20	19.0	17.0	17.0	13.0	10.0	18.0	22.0	23.0	24.0	28.0	28.0	26.0
21	19.0	19.0	15.0	13.0	9.0	17.0	21.0	23.0	27.0	28.0	29.0	26.0
22	27.0	15.0	15.0	14.0	10.0	16.0	20.0	22.0	26.0	29.0	28.0	---
23	27.0	15.0	14.0	14.0	9.0	18.0	---	23.0	27.0	29.0	28.0	26.0
24	21.0	15.0	14.0	13.0	10.0	16.0	23.0	24.0	27.0	28.0	29.0	26.0
25	21.0	16.0	13.0	14.0	12.0	18.0	25.0	24.0	27.0	29.0	28.0	28.0
26	21.0	11.0	20.0	11.0	10.0	19.0	24.0	22.0	25.0	28.0	28.0	28.0
27	21.0	14.0	20.0	14.0	10.0	15.0	24.0	23.0	25.0	27.0	27.0	29.0
28	21.0	17.0	20.0	16.0	15.0	16.0	24.0	23.0	24.0	28.0	26.0	29.0
29	21.0	16.0	18.0	14.0	16.0	15.0	23.0	23.0	---	29.0	28.0	28.0
30	21.0	16.0	16.0	14.0	---	16.0	24.0	23.0	26.0	29.0	26.0	27.0
31	21.0	---	16.0	14.0	---	14.0	---	22.0	---	29.0	28.0	---
MONTH	24.0	17.5	15.0	14.0	11.0	15.5	19.0	23.0	24.5	27.0	28.5	26.0

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

(Where no daily concentrations are reported loads are estimated)

	OCTOBER			NOVEMBER			DECEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	2100	14	79	3600	9	87	2230	2	12
2	2200	13	77	3600	9	87	2430	4	26
3	2200	8	48	3600	9	87	2680	6	43
4	2200	16	95	3700	10	100	3150	7	60
5	2000	10	54	3500	10	95	3750	7	71
6	1900	14	72	3300	11	98	4310	5	58
7	1800	15	73	3200	12	104	4650	4	50
8	1700	15	69	3100	11	92	4880	5	66
9	1600	17	73	3000	11	89	5040	6	82
10	1600	14	60	2800	12	91	5140	4	56
11	1800	15	73	2500	12	81	5130	5	69
12	1800	14	68	2400	12	78	5140	5	69
13	1800	15	73	2300	11	68	5120	2	28
14	1800	14	68	2200	12	71	5010	7	95
15	1800	9	44	2100	8	45	4900	4	53
16	1900	16	82	2000	10	54	4750	4	51
17	2000	8	43	1900	10	51	4560	4	49
18	2000	10	54	1900	10	51	4350	3	35
19	2100	11	62	1700	10	46	4110	5	55
20	2300	13	81	1650	9	40	3880	6	63
21	2400	10	65	1600	11	48	3730	5	50
22	2600	13	91	1560	7	29	3640	6	59
23	2900	11	86	1520	5	21	3560	7	67
24	3200	8	69	1500	6	24	3480	5	47
25	3600	10	97	1510	9	37	3380	8	73
26	3800	10	103	1550	5	21	3280	7	62
27	3800	10	103	1590	9	39	3190	8	69
28	3800	9	92	1630	6	26	3110	7	59
29	3800	11	113	1760	5	24	3040	9	74
30	3700	10	100	2000	5	27	2980	5	40
31	3700	9	90	--	--	--	2930	8	63
TOTAL	75900	--	2357	70270	--	1811	121530	--	1754

02175000 EDISTO RIVER NEAR GIVHANS, S.C.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

(Where no daily concentrations are reported loads are estimated)

		JANUARY			FEBRUARY			MARCH	
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	2880	5	39	5760	11	171	5020	7	95
2	2820	7	53	6340	11	188	4870	5	66
3	2770	12	90	7060	7	133	4660	9	113
4	2720	6	44	8440	6	137	4480	6	73
5	2670	4	29	10300	11	306	4290	9	104
6	2630	4	28	11000	10	297	4110	8	89
7	2600	7	49	11300	17	519	3920	10	106
8	2550	8	55	11300	12	366	3750	—	101
9	2500	4	27	11000	14	416	3580	10	97
10	2470	6	40	10500	9	255	3430	7	65
11	2450	6	40	9670	13	339	3300	11	98
12	2580	6	42	8810	8	190	3160	10	85
13	2960	9	72	8350	13	293	3060	8	66
14	3310	5	45	8240	9	200	2960	8	64
15	3920	8	85	8040	8	174	2850	8	62
16	4700	9	114	7620	10	206	2790	9	68
17	5410	5	73	7250	9	176	2890	7	55
18	5950	9	145	6980	8	151	2970	8	64
19	6580	11	195	6930	12	225	2980	8	64
20	7210	11	214	6880	7	130	2940	10	79
21	7780	15	315	6700	10	181	2960	8	64
22	8240	13	289	6400	7	121	3150	11	94
23	8500	13	298	6080	9	148	3310	11	98
24	8350	10	225	5770	7	109	3380	5	46
25	7900	13	277	5500	6	89	3350	11	99
26	7300	12	237	5240	10	141	3290	10	89
27	6750	13	237	5070	7	96	3230	8	70
28	6270	13	220	5080	8	110	3240	10	87
29	5810	9	141	5090	9	124	3340	14	126
30	5470	8	118	--	--	--	3420	7	65
31	5460	9	133	--	--	--	3500	8	76
TOTAL	149510	--	3969	222700	--	5991	108140	--	2528

		APRIL			MAY			JUNE	
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3610	8	78	1640	11	49	2520	8	54
2	3690	8	80	1600	8	35	2600	10	70
3	3690	7	70	1590	12	52	2620	6	42
4	3690	7	70	1790	10	48	2600	11	77
5	3680	—	50	2060	11	61	2570	3	21
6	3690	3	30	2100	7	40	2510	8	54
7	3730	9	91	2120	14	80	2430	7	46
8	3770	11	112	2150	12	70	2340	10	63
9	3770	10	102	2180	12	71	2220	8	48
10	3710	11	110	2190	10	59	2090	6	34
11	3610	8	78	2160	10	58	1960	7	37
12	3500	9	85	2090	3	17	1770	7	33
13	3370	5	45	2020	8	44	1580	12	51
14	3130	8	68	1990	9	48	1420	11	42
15	2920	8	63	1990	10	54	1280	6	21
16	2750	9	67	2010	8	43	1170	15	47
17	2610	6	42	2010	9	49	1080	10	29
18	2500	7	47	1990	9	48	1020	12	33
19	2400	9	58	1970	11	59	1000	--	30
20	2320	9	56	1980	4	21	1220	10	33
21	2230	5	30	2030	7	38	1700	8	37
22	2140	11	64	2120	9	52	2080	17	95
23	2060	12	67	2270	7	43	2240	5	30
24	1970	6	32	2450	10	66	2300	19	118
25	1900	14	72	2510	12	81	2350	13	82
26	1840	10	50	2540	17	117	2500	7	47
27	1780	6	29	2560	8	55	2670	7	50
28	1730	13	61	2560	6	41	2860	8	62
29	1700	10	46	2510	11	75	3110	--	101
30	1680	12	54	2440	10	66	3320	15	134
31	--	--	--	2420	13	85	--	--	--
TOTAL	85170	--	1907	66030	--	1725	63110	--	1621

02175000 EDISTO RIVER NEAR GIVHANS, S.C.--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

(Where no daily concentrations are reported loads are estimated)

	JULY			AUGUST			SEPTEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3400	9	83	1480	6	24	1720	6	28
2	3420	5	46	1410	7	27	1810	17	83
3	3420	9	83	1320	10	36	1630	12	59
4	3350	7	63	1260	13	44	1790	14	68
5	3230	11	96	1290	15	52	1740	15	70
6	3180	7	60	1370	18	67	1770	28	134
7	3090	20	167	1360	12	44	1790	14	68
8	2980	6	48	1300	11	39	1730	10	47
9	2800	9	68	1310	15	53	1630	10	44
10	2600	10	70	1320	6	21	1520	5	21
11	2500	10	68	1300	8	28	1390	15	56
12	2300	9	56	1450	18	70	1280	9	31
13	2200	9	53	1560	18	76	1200	21	68
14	2100	11	62	1480	16	64	1140	5	15
15	2000	9	49	1360	16	59	1080	5	15
16	1800	11	53	1360	36	132	1030	--	14
17	1800	4	19	1390	--	94	968	4	10
18	1700	9	41	1400	15	57	890	--	12
19	1800	12	58	1400	17	64	859	5	12
20	1900	8	41	1430	14	54	838	3	6.8
21	2000	12	65	1460	10	39	831	8	18
22	2100	12	68	1450	12	47	824	--	22
23	2200	12	71	1410	12	46	820	19	42
24	2200	13	77	1380	9	34	813	10	22
25	2000	21	113	1320	11	39	810	5	11
26	1700	12	55	1220	10	33	799	8	17
27	1600	17	73	1160	9	28	796	15	32
28	1420	5	19	1110	11	33	785	6	13
29	1420	16	61	1220	9	30	775	9	19
30	1450	23	90	1440	14	54	771	12	25
31	1490	11	44	1590	27	116	--	--	--
TOTAL	71150	--	2020	42310	--	1604	36029	--	1082.8

TOTAL DISCHARGE FOR YEAR (CFS-DAYS)	1111849
TOTAL SUSPENDED-SEDIMENT DISCHARGE FOR YEAR (TONS)	28369.8

EDISTO RIVER BASIN

02175020 EDISTO RIVER AT JACKSONBORO, S.C.

LOCATION.--32°45'55", long 80°26'45", Colleton County, at bridge on U.S. Highway 17, 0.2 mile upstream from Seaboard Coast Line Railroad bridge, 0.6 mile southeast of Jacksonboro, 2.2 miles downstream from Green Meadow Creek, and at mile 33.0.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT. 19...	1035	18.5	56	6.6	7.4	--
NOV. 24...	0825	10.5	56	6.8	9.8	--
DEC. 16...	0830	17.0	60	6.8	7.8	35
JAN. 21...	0815	11.5	52	6.7	10.4	54
FEB. 17...	0820	9.0	51	6.6	10.3	40
MAR. 27...	1025	13.5	60	6.8	9.0	31
APR. 24...	1510	23.5	56	7.0	7.4	29
MAY 18...	1130	23.5	63	6.9	7.5	51
JUNE 21...	0850	23.0	65	7.1	7.1	250
JULY 27...	1240	30.0	56	7.2	7.8	7*

COMBAHEE RIVER BASIN

02176150 COMBAHEE RIVER NEAR GREENPOND, S.C.

LOCATION.--Lat 32°49'08", long 80°41'00", Colleton County, at bridge on U.S. Highway 17, 3.0 miles downstream from Cuckolds Creek, 6.8 miles southwest of Greenpond, 10.1 miles upstream from Seaboard Coast Line Railroad bridge, and at mile 24.0.

PERIOD OF RECORD.--Chemical analyses: July 1969 to July 1972 (discontinued).

CHEMICAL ANALYSES, OCTOBER 1971 TO JULY 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT. 19...	1110	20.0	13000	7.2	7.1	--
NOV. 24...	0900	11.0	1200	6.8	9.4	12 *
DEC. 16...	0910	10.0	180	6.6	7.7	55
JAN. 21...	0850	11.5	58	6.6	10.8	120
FEB. 17...	0910	10.0	65	6.5	10.4	60
MAR. 27...	1000	14.5	2800	6.8	8.8	33
APR. 24...	1435	24.0	750	6.9	7.3	40
MAY 18...	1050	24.5	4600	6.9	7.4	15 *
JUNE 21...	0910	24.5	5500	7.0	7.3	60
JULY 27...	1315	30.0	--	7.0	6.3	8 *

* Value based on non-ideal colony count.

02186000 TWELVEMILE CREEK NEAR LIBERTY, S.C.

LOCATION.--Lat 34°48'05", long 82°44'55", Pickens County, at bridge on State Highway 137, 0.5 mile downstream from Shoal Creek, and 4.5 miles west of Liberty.

DRAINAGE AREA.--106 sq mi.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP- ERATURE (DEG C)	SPECI- FIC COND- UCTANCE (MICRO- MHOS)	PH (UNITS)	DIS- SOLVED OXYGEN (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)
NOV. 17...	1315	15.5	46	7.1	10.4	190
JAN. 12...	1330	12.5	33	6.7	11.2	760
MAR. 22...	1300	16.5	37	6.7	9.8	360
JUNE 12...	1210	20.5	40	7.0	9.1	200
AUG. 23...	0940	22.5	48	6.9	8.9	110
SEP. 12...	0820	17.0	52	7.3	10.2	320

SAVANNAH RIVER BASIN

02186700 EIGHTEENMILE CREEK AT PENDLETON, S.C.

LOCATION.--Lat 34°38'40", long 82°48'00", Anderson County, at bridge on U.S. Highway 76, 0.5 mile west of Pendleton, and 5.5 miles upstream from Hartwell Reservoir.

DRAINAGE AREA.--53 sq mi, approximately.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP- ERATURE (DEG C)	SPECI- FIC COND- UCTANCE (MICRO- MHOS)	PH (UNITS)	DIS- SOLVED OXYGEN (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)
NOV. 17...	1235	15.0	68	6.9	9.6	260
JAN. 12...	1245	12.0	48	6.5	10.5	700
MAR. 22...	1220	16.0	57	6.6	9.5	4800
JUNE 12...	1115	18.0	100	6.8	8.0	--
AUG. 23...	0920	21.5	105	6.3	5.9	460
SEP. 13...	1055	21.5	200	6.4	4.9	--

02187500 SAVANNAH RIVER NEAR IVA, S.C.

LOCATION.--Lat 34°15'20", long 82°44'42", Anderson County, temperature recorder at gaging station on left bank at downstream side of bridge on State Highway 184, 0.5 mile upstream from Little Generostee Creek, 5.8 miles southwest of Iva, and at mile 296.5.

DRAINAGE AREA.--2,231 sq mi.

PERIOD OF RECORD.--Chemical analyses: October 1951 to September 1952.
Water temperatures: October 1962 to September 1972 (discontinued).

EXTREMES, 1962-72.--Water temperatures: Maximum, 28.0°C Aug. 24, 30, 31, 1970; minimum, 3.0°C Jan. 31, 1966.

REMARKS.--Recorder malfunctioned Oct. 1, 1971 to Jan. 25, 1972, Feb. 10 to Mar. 14, 1972.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	---	---	---	---	9.0	9.0	---	---
2	---	---	---	---	---	---	---	---	9.0	8.0	---	---
3	---	---	---	---	---	---	---	---	8.0	8.0	---	---
4	---	---	---	---	---	---	---	---	8.0	8.0	---	---
5	---	---	---	---	---	---	---	---	8.5	8.0	---	---
6	---	---	---	---	---	---	---	---	8.5	8.0	---	---
7	---	---	---	---	---	---	---	---	8.5	7.5	---	---
8	---	---	---	---	---	---	---	---	7.5	7.0	---	---
9	---	---	---	---	---	---	---	---	7.5	7.0	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	10.5	10.5
16	---	---	---	---	---	---	---	---	---	---	10.5	10.5
17	---	---	---	---	---	---	---	---	---	---	10.5	10.5
18	---	---	---	---	---	---	---	---	---	---	10.5	10.5
19	---	---	---	---	---	---	---	---	---	---	10.5	10.5
20	---	---	---	---	---	---	---	---	---	---	10.5	10.5
21	---	---	---	---	---	---	---	---	---	---	10.5	10.5
22	---	---	---	---	---	---	---	---	---	---	10.5	10.5
23	---	---	---	---	---	---	---	---	---	---	10.5	10.5
24	---	---	---	---	---	---	---	---	---	---	10.5	10.5
25	---	---	---	---	---	---	---	---	---	---	10.5	10.5
26	---	---	---	---	---	---	10.5	10.5	---	---	10.5	10.5
27	---	---	---	---	---	---	10.5	10.5	---	---	10.5	10.5
28	---	---	---	---	---	---	10.5	9.5	---	---	10.5	10.5
29	---	---	---	---	---	---	9.5	9.5	---	---	10.5	10.5
30	---	---	---	---	---	---	9.5	9.5	---	---	10.5	10.5
31	---	---	---	---	---	---	9.5	9.0	---	---	10.5	10.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02187500 SAVANNAH RIVER NEAR IVA, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	10.5	10.5	13.5	13.0	13.0	12.5	17.0	16.5	20.5	20.0	20.5	19.5
2	11.5	10.5	13.5	13.0	12.5	12.5	19.0	17.0	21.0	20.0	19.5	19.0
3	11.5	11.5	13.0	12.5	13.0	12.5	20.0	19.0	21.0	20.5	20.0	19.0
4	11.5	11.5	12.5	12.5	14.0	13.0	19.5	18.5	20.5	20.5	20.5	20.0
5	11.5	11.5	12.5	12.5	14.5	13.5	18.5	18.5	21.0	20.5	20.5	19.5
6	11.5	11.5	12.5	12.5	14.5	13.5	18.5	17.5	21.5	21.0	19.5	19.5
7	11.5	11.5	13.5	12.5	14.5	14.0	17.5	17.0	22.0	21.5	19.5	19.5
8	11.5	11.5	13.5	13.5	14.0	14.0	19.0	18.5	21.5	21.0	19.5	19.5
9	12.0	11.5	13.5	13.0	14.0	14.0	20.0	19.0	21.0	21.0	19.5	19.5
10	12.0	12.0	13.0	13.0	14.0	14.0	20.5	20.0	21.0	21.0	19.5	19.5
11	12.0	12.0	13.0	12.5	15.0	14.0	20.0	19.5	21.0	21.0	19.5	19.5
12	12.0	12.0	13.0	12.5	15.5	15.0	20.0	20.0	21.0	20.5	19.5	19.5
13	12.0	12.0	12.5	12.5	15.5	14.5	20.0	20.0	22.0	21.0	19.5	19.5
14	12.0	12.0	13.0	12.5	15.5	15.0	20.0	19.5	22.0	21.5	19.5	19.5
15	12.5	12.0	13.5	13.0	15.0	15.0	20.0	19.5	21.5	21.0	19.5	19.5
16	13.0	12.0	13.5	13.0	15.0	15.0	21.5	20.0	21.0	21.0	19.5	19.5
17	13.5	13.0	13.0	12.5	15.0	15.0	21.5	21.0	21.0	20.5	20.0	19.5
18	13.5	13.0	12.5	12.5	16.0	15.0	21.0	20.0	20.5	20.5	20.0	20.0
19	13.0	12.5	12.5	12.5	17.5	16.0	20.0	20.0	20.5	20.5	20.0	19.5
20	12.5	12.5	12.5	12.5	17.0	16.5	20.0	20.0	20.5	20.5	19.5	19.5
21	12.5	12.5	13.5	12.5	17.0	16.5	20.0	20.0	21.0	20.5	19.5	19.5
22	12.5	12.5	14.0	13.5	16.5	16.0	20.0	19.5	21.0	20.5	19.5	18.5
23	13.0	12.5	13.5	13.0	16.0	16.0	21.0	20.0	20.5	20.5	19.0	18.5
24	13.5	13.0	13.0	12.5	16.5	16.0	21.5	21.0	20.5	20.5	19.5	19.0
25	13.5	13.0	12.5	12.5	17.5	16.5	21.0	20.5	20.5	20.5	19.5	19.0
26	13.0	12.5	12.5	12.5	18.5	17.5	20.5	20.0	20.5	20.5	19.0	19.0
27	13.0	12.5	12.5	12.5	17.5	17.0	20.0	20.0	21.0	20.5	19.0	19.0
28	12.5	12.5	13.0	12.5	17.0	16.5	20.0	20.0	21.0	21.0	19.0	19.0
29	12.5	12.5	13.5	13.0	16.5	16.5	20.0	20.0	21.0	20.5	19.0	19.0
30	13.0	12.5	13.5	13.0	16.5	16.5	20.5	20.0	20.5	20.5	19.0	19.0
31	---	---	13.0	13.0	---	---	21.0	20.5	20.5	20.5	---	---
MONTH	13.5	10.5	14.0	12.5	18.5	12.5	21.5	16.5	22.0	20.0	20.5	18.5
YEAR	22.0	7.0										

02187940 HEN COOP CREEK NEAR CRAYTONVILLE, S.C.

LOCATION.--Lat 34°22'40", long 82°32'30", Anderson County, at bridge on County Highway 244, 1.9 miles upstream from confluence with Rocky River, and 6.7 miles southwest of Craytonville.

PERIOD OF RECORD.--Chemical analyses: November 1971 to September 1972.

CHEMICAL ANALYSES, NOVEMBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
NOV. 17...	1100	13.0	52	7.2	10.0	170
JAN. 12...	1120	11.0	38	6.2	10.4	1100
MAR. 22...	1050	14.5	44	6.8	9.8	4200
JUNE 12...	0930	16.0	51	6.9	9.2	230
AUG. 31...	1025	21.0	50	7.0	8.7	360
SEP. 14...	0945	19.0	50	--	9.0	--

SAVANNAH RIVER BASIN

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.
(Hydrologic bench-mark station)

LOCATION.--Lat 33°23'05", long 81°37'00", Aiken County, at gaging station on downstream side of bridge on U.S. Highway 278, 0.4 mile upstream from Johnson Fork Creek, and 4.6 miles southeast of New Ellenton.

DRAINAGE AREA.--87.0 sq mi.

PERIOD OF RECORD.--Chemical analyses: July 1966 to September 1972.
Sediment records.--October 1967 to September 1972 (periodic).

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
OCT. 08...	1000	16.5	133	15	6.3	9.1	--
DEC. 10...	1045	14.5	155	16	5.8	9.4	80
FEB. 11...	0940	9.5	156	15	5.5	10.8	62
APR. 24...	0945	16.5	207	15	5.9	8.9	120
MAY 12...	0930	16.5	202	15	5.9	9.0	64
JULY 12...	1300	20.0	172	18	5.9	8.3	55
AUG. 31...	0905	20.0	210	14	5.6	8.3	95
SEP. 18...	1220	20.0	120	32	5.8	9.1	80

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

DATE	TIME	TEMP-ERATURE (DEG C)	DIS-CHARGE (CFS)	COLOR (PLAT-INUM-COBALT UNITS)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)
OCT. 08...	1000	16.5	133	5	13	5.7	3	0	.20	.000
DEC. 10...	1045	14.5	155	10	14	5.4	2	0	.09	.000
FEB. 11...	0940	9.5	156	5	14	5.7	3	0	.10	.010
APR. 24...	0945	16.5	207	5	15	5.8	5	0	.05	.000
MAY 12...	0930	16.5	202	5	14	5.1	2	0	.10	.012
JULY 12...	1300	20.0	172	20	13	6.0	7	0	.02	.000

DATE	CYANIDE (CN) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	SODIUM AD-SORP-TION RATIO	PERCENT SODIUM	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
OCT. 08...	--	2	0	.2	.3	1.3	.4	59	.2
DEC. 10...	--	2	0	.3	.3	1.2	.4	54	.2
FEB. 11...	--	3	0	.3	.5	1.1	.3	44	.2
APR. 24...	.00	4	0	.8	.4	1.1	.3	37	.4
MAY 12...	--	2	1	.5	.3	1.0	.3	44	.2
JULY 12...	--	3	0	.4	.4	1.0	.3	43	.2

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)
OCT. 08...	3.0	.0	.1	6.6	.00	14	14	--	.02
DEC. 10...	2.9	.2	.0	6.0	.00	14	13	5.86	.02
FEB. 11...	2.8	1.2	.0	6.0	.00	15	15	6.32	.02
APR. 24...	2.2	1.6	.0	4.5	.00	17	13	9.50	.02
MAY 12...	2.5	.4	.2	5.8	.02	13	13	7.09	.02
JULY 12...	1.0	.2	.0	7.2	.00	20	14	9.29	.03

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.--Continued

CHEMICAL ANALYSES, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

DATE	TIME	ALDRIN (UG/L)	ALDRIN IN BOTTOM DEPOSITS (UG/KG)	LINDANE (UG/L)	LINDANE IN BOTTOM DEPOSITS (UG/KG)	CHLORDANE (UG/L)	CHLORDANE IN BOTTOM DEPOSITS (UG/KG)	DDD (UG/L)	DDD IN BOTTOM DEPOSITS (UG/KG)	DDE (UG/L)
OCT. 08...	1000	.00	<.2	.00	<.2	.0	<1.0	.00	1.5	.00

DATE	DDE IN BOTTOM DEPOSITS (UG/KG)	DDT (UG/L)	DDT IN BOTTOM DEPOSITS (UG/KG)	DIELDRIN (UG/L)	DIELDRIN IN BOTTOM DEPOSITS (UG/KG)	ENDRIN (UG/L)	ENDRIN IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM DEPOSITS (UG/KG)	HEPTACHLOR EPOXIDE (UG/L)
OCT. 08...	.6	.00	<.2	.00	<.2	.00	<.2	.00	<.2	.00

DATE	HEPTACHLOR EPOXIDE IN BOTTOM DEPOSITS (UG/KG)	MALATHION IN BOTTOM DEPOSITS (UG/KG)	PARATHION (UG/L)	PARATHION IN BOTTOM DEPOSITS (UG/KG)	DIAZINON (UG/L)	METHYL PARATHION (UG/L)	METHYL PARATHION IN BOTTOM DEPOSITS (UG/KG)	2,4-D (UG/L)	2,4,5-T (UG/L)
OCT. 08...	<.2	<.2	.00	<.2	.00	.00	<.2	.00	.00

DATE	TIME	DISSOLVED GROSS ALPHA AS U-NAT. (PC/L)	SUSPENDED GROSS ALPHA AS U-NAT. (PC/L)	DISSOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUSPENDED GROSS ALPHA AS U-NAT. (UG/L)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)	DISSOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUSPENDED GROSS BETA AS SR90 /Y90 (PC/L)	DISSOLVED RA-226 (RADON METHOD) (PC/L)	DISSOLVED NATURAL URANIUM (U) (UG/L)
OCT. 08...	1000	1.2	.5	3.7	1.4	1.5	.7	1.2	.7	.50	.06

INSTANTANEOUS SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DATE		TIME	DISCHARGE (CFS)	CONCENTRATION (MG/L)	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)
OCT	8, 1971	1015	133	6	2.1
FEB	11, 1972	0940	156	6	2.5
APR	24......	0945	207	8	4.5
MAY	12......	0930	202	6	3.3
JULY	12......	1300	172	8	3.7

02197320 Savannah River near Jackson, S.C.

LOCATION.--Lat 33 13'01", long 81 46'04", Aiken County, on left bank 0.35 mile downstream from Upper Three Runs Creek, 15.21 miles upstream from Steel Creek, 6.2 miles south of Jackson and at mile 156.83.

PERIOD OF RECORD.--Water temperature: October 1971 to September 1972.

EXTREMES, 1971-72.--Water temperature: Maximum, 25.5 C July 24, 25, 26; Aug. 4, 5, 15, 23, 1972; minimum, 7.5 C Feb. 6, 20, 21, 1972.

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	21.5	22.0	20.5	20.0	20.5	13.5	13.0	13.5	---	---	---
2	22.0	21.0	21.5	21.0	20.5	21.0	13.5	12.5	13.0	---	---	---
3	22.5	21.5	22.0	21.5	20.5	21.0	12.5	11.0	12.0	---	---	---
4	22.5	21.5	22.0	20.5	19.0	19.5	11.0	9.5	10.5	---	---	---
5	22.5	21.5	22.0	19.0	18.0	18.0	10.5	9.0	9.5	---	---	---
6	22.5	22.0	22.0	18.0	17.5	18.0	11.5	10.5	11.0	---	---	---
7	22.0	21.0	21.5	18.5	17.5	18.0	12.5	11.5	12.0	---	---	---
8	21.0	20.0	20.5	18.0	17.0	17.5	13.5	12.5	13.0	---	---	---
9	20.5	20.0	20.0	17.0	16.0	16.5	13.0	12.5	13.0	---	---	---
10	20.0	19.5	20.0	16.0	15.5	15.5	13.0	12.5	13.0	---	---	---
11	19.5	18.5	19.0	15.5	15.0	15.5	13.0	13.0	13.0	---	---	---
12	19.0	18.0	18.5	16.0	15.0	15.5	13.5	13.0	13.5	---	---	---
13	19.5	18.0	19.0	16.5	15.5	16.0	14.0	13.5	14.0	---	---	---
14	20.0	19.0	19.5	17.0	16.0	16.5	14.0	13.5	13.5	---	---	---
15	20.5	19.5	20.0	17.5	16.5	17.0	13.5	13.0	13.5	---	---	---
16	21.5	20.5	21.0	17.5	17.0	17.0	14.0	13.5	14.0	---	---	---
17	21.5	20.5	21.0	17.5	17.0	17.0	14.0	13.5	14.0	---	---	---
18	21.0	20.5	21.0	17.5	17.0	17.5	13.5	12.5	13.0	9.0	8.5	9.0
19	20.5	19.5	20.0	17.5	17.0	17.5	12.5	11.5	12.0	10.0	9.0	9.5
20	19.5	19.5	19.5	17.5	17.0	17.5	12.5	11.5	12.0	11.0	10.0	10.5
21	19.5	19.0	19.5	17.0	16.0	16.5	12.5	12.0	12.5	11.5	11.0	11.5
22	20.0	19.5	19.5	16.0	14.5	15.5	12.5	12.0	12.5	11.5	11.5	11.5
23	20.5	20.0	20.0	14.5	13.5	14.0	12.0	11.5	12.0	12.0	11.5	12.0
24	20.0	19.5	20.0	13.5	13.0	13.0	11.5	11.0	11.0	12.5	12.0	12.0
25	19.5	19.5	19.5	13.0	12.5	13.0	11.5	11.0	11.0	12.5	12.0	12.5
26	19.5	19.5	19.5	12.5	11.5	12.0	12.0	11.0	11.5	12.0	11.0	11.5
27	20.0	19.0	19.5	13.0	12.5	13.0	12.5	12.0	12.0	11.5	11.0	11.5
28	20.0	19.0	19.5	13.5	12.5	13.0	13.5	12.5	13.0	12.0	11.5	12.0
29	20.0	19.5	20.0	14.0	13.5	13.5	14.0	13.0	13.5	12.0	12.0	12.0
30	20.0	19.5	20.0	14.0	13.5	14.0	14.5	13.5	14.0	12.0	12.0	12.0
31	20.5	20.0	20.0	---	---	---	14.5	14.0	14.0	12.0	11.5	12.0
MONTH	22.5	18.0	20.5	21.5	11.5	16.5	14.5	9.0	12.5	---	---	---

02197320 Savannah River near Jackson, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.5	10.5	11.0	13.0	12.0	12.5	13.0	12.5	13.0	17.5	16.5	17.0
2	10.5	10.0	10.0	13.5	13.0	13.0	13.5	12.5	13.0	18.0	17.0	17.5
3	10.0	9.5	10.0	13.5	13.5	13.5	14.0	12.5	13.5	19.0	17.5	18.0
4	9.5	8.5	9.0	13.5	12.5	13.0	14.5	13.5	14.0	19.0	17.5	18.5
5	8.5	8.0	8.0	13.0	12.0	12.0	15.0	14.0	14.5	18.5	17.5	18.0
6	8.5	7.5	8.0	12.0	11.5	12.0	15.5	14.0	15.0	18.5	17.0	18.0
7	9.5	8.5	9.0	12.5	11.5	12.0	15.5	14.5	15.0	19.0	17.5	18.0
8	9.5	9.5	9.5	12.5	12.0	12.5	16.5	15.5	16.0	18.5	17.5	18.0
9	9.5	9.0	9.5	12.0	11.5	12.0	15.5	14.5	15.0	19.5	17.5	18.5
10	9.0	8.5	9.0	11.5	11.0	11.0	15.0	14.0	14.5	19.5	18.0	18.5
11	9.0	8.5	9.0	12.0	11.0	11.5	15.0	14.0	14.5	19.0	18.5	18.5
12	9.0	9.0	9.0	13.0	12.0	12.0	16.0	14.5	15.5	19.0	17.5	18.5
13	9.5	9.0	9.0	13.5	12.5	13.0	17.0	15.5	16.0	18.5	18.0	18.0
14	9.0	9.0	9.0	14.5	13.0	13.5	18.0	16.5	17.5	19.0	17.5	18.0
15	9.5	8.5	9.0	15.0	13.5	14.0	19.0	17.5	18.5	19.0	17.5	18.5
16	10.0	9.5	10.0	14.5	14.0	14.0	19.5	18.0	19.0	19.5	18.0	19.0
17	10.0	9.5	10.0	14.0	13.0	13.5	19.5	18.0	19.0	19.5	18.0	18.5
18	9.5	9.5	9.5	13.0	12.5	12.5	19.0	18.0	18.5	18.5	17.0	17.5
19	9.5	8.5	9.0	13.5	12.0	13.0	19.5	18.0	18.5	17.0	16.0	16.5
20	8.5	7.5	8.0	14.5	13.0	13.5	19.5	17.5	18.5	17.0	16.0	16.5
21	8.5	7.5	7.5	15.0	14.0	14.5	18.5	17.5	18.5	17.5	17.0	17.5
22	9.5	8.5	9.0	16.0	15.0	15.5	18.0	17.0	17.5	18.5	17.5	18.0
23	9.5	9.5	9.5	15.5	14.5	15.0	17.5	16.0	17.0	18.5	17.5	18.0
24	10.0	9.5	9.5	14.5	13.5	14.0	17.5	16.0	17.0	17.5	16.5	17.0
25	11.0	10.0	10.5	14.0	12.5	13.5	17.5	16.5	17.0	18.0	16.5	17.0
26	12.0	11.0	11.5	13.5	12.0	13.0	18.0	16.5	17.5	18.0	17.0	17.5
27	12.0	11.0	11.5	13.5	12.5	13.0	17.5	16.0	16.5	18.0	17.0	17.5
28	11.5	11.0	11.0	14.0	13.0	13.5	17.0	15.5	16.5	17.5	17.0	17.5
29	12.0	11.0	11.5	14.5	13.5	14.0	17.0	16.0	16.5	18.5	17.0	17.5
30	---	---	---	14.0	13.5	14.0	17.5	16.0	17.0	19.0	18.0	18.5
31	---	---	---	13.5	12.5	13.0	---	---	---	20.5	18.5	19.5
MONTH	12.0	7.5	9.5	16.0	11.0	13.0	19.5	12.5	16.5	20.5	16.0	18.0

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	19.0	19.5	22.0	21.0	21.5	25.0	25.0	25.0	24.0	22.5	23.5
2	20.0	18.5	19.5	22.0	22.0	22.0	25.5	24.0	24.5	23.5	22.5	23.0
3	20.5	19.0	19.5	23.0	22.0	22.5	25.0	23.5	24.5	24.0	22.5	23.5
4	21.0	19.5	20.0	23.0	22.5	22.5	25.5	24.0	25.0	24.0	22.5	23.5
5	21.5	19.5	20.5	22.5	20.5	21.5	25.5	24.0	25.0	24.0	23.0	23.5
6	22.5	20.5	21.5	21.5	20.5	21.0	25.0	24.0	24.5	24.0	22.5	23.5
7	22.5	21.0	22.0	21.0	20.0	20.5	25.0	23.5	24.5	23.0	22.0	22.5
8	22.0	20.5	21.5	21.5	20.5	21.0	25.0	24.0	24.5	23.0	22.0	22.5
9	22.0	20.5	21.5	22.0	21.5	21.5	25.0	23.5	24.5	23.5	22.5	23.0
10	22.0	20.5	21.5	23.0	21.5	22.5	25.0	23.5	24.5	23.5	22.5	23.5
11	21.5	20.0	21.0	23.5	22.5	23.0	24.5	23.5	24.0	24.0	22.5	23.0
12	21.5	19.5	20.5	23.5	22.5	23.0	24.0	23.0	23.5	23.5	22.5	23.0
13	22.0	20.0	21.0	24.0	22.5	23.5	24.0	23.0	23.5	23.5	22.5	23.0
14	22.5	20.5	21.5	24.0	23.0	23.5	24.5	24.0	24.5	24.0	22.5	23.5
15	22.5	20.5	21.5	24.0	22.5	23.5	25.5	24.0	24.5	24.0	23.0	23.5
16	22.5	20.5	21.5	24.0	22.5	23.5	25.0	24.0	24.5	24.0	23.0	23.5
17	22.5	21.0	22.0	24.5	22.5	23.5	24.5	23.0	24.0	24.5	23.5	24.0
18	22.5	21.0	22.0	25.0	23.5	24.0	24.0	23.0	23.5	24.0	23.5	23.5
19	22.0	21.0	21.5	24.5	24.0	24.5	24.5	23.0	24.0	24.5	23.0	24.0
20	21.5	20.5	21.0	24.5	23.0	24.0	25.0	24.0	24.5	24.5	23.5	24.0
21	21.5	20.5	21.0	25.0	23.0	24.0	25.0	23.5	24.5	24.0	23.0	23.5
22	21.0	20.0	20.5	25.0	23.5	24.5	25.0	24.0	24.5	24.0	22.5	23.5
23	21.0	20.0	20.5	25.0	23.5	24.5	25.5	24.0	24.5	23.5	22.5	23.0
24	20.5	20.0	20.5	25.5	23.5	24.5	25.0	23.5	24.5	23.5	22.5	23.0
25	21.0	19.5	20.0	25.5	24.0	25.0	25.0	23.5	24.5	24.0	23.0	23.5
26	21.0	19.5	20.5	25.5	24.0	25.0	25.0	24.0	24.5	24.0	23.0	23.5
27	20.5	20.0	20.5	25.0	24.0	24.5	25.0	24.0	24.5	24.5	23.0	24.0
28	20.0	19.5	20.0	24.5	23.5	24.0	25.0	23.5	24.5	24.5	23.5	24.0
29	20.5	19.5	20.0	25.0	23.5	24.5	25.0	24.0	24.5	24.5	23.5	24.0
30	21.5	20.0	21.0	25.0	23.5	24.5	25.0	24.0	24.5	24.0	23.0	23.5
31	---	---	---	25.0	24.0	24.5	24.5	23.0	23.5	---	---	---
MONTH	22.5	18.5	21.0	25.5	20.0	23.5	25.5	23.0	24.5	24.5	22.0	23.5
YEAR	25.5	7.5	17.5									

02197370 Savannah River below Steel Creek near Milletville, S.C.

LOCATION.--Lat 33 04'58", long 81 35'54", Allendale County, on left bank 2.82 miles downstream from Steel Creek, 12.55 miles upstream from Lower Three Runs Creek, 3.7 miles west of Milletville and at mile 138.80.

PERIOD OF RECORD.--Water temperature: October 1971 to September 1972.

EXTREMES, 1971-72.--Water temperature: Maximum, 26.5 C July 25, 26; Aug. 2, 3, 4, 5, 1972; minimum, 7.5 C Feb. 6, 1972.

REMARKS.--Record of hourly values available in district office, Columbia, S.C.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	22.5	23.0	21.5	21.0	21.5	14.0	13.5	13.5	14.5	14.0	14.0
2	23.0	22.5	23.0	22.0	21.0	21.5	13.5	13.0	13.0	14.0	13.5	14.0
3	23.5	22.5	23.0	22.0	21.5	21.5	13.0	12.5	12.5	13.5	13.0	13.5
4	23.5	23.0	23.0	21.0	19.5	20.5	12.5	11.0	11.5	13.5	13.0	13.0
5	23.5	23.0	23.5	23.0	19.5	20.5	11.5	10.0	10.0	14.0	13.5	13.5
6	23.5	23.0	23.5	19.0	16.0	16.5	11.5	10.5	11.0	13.5	12.5	13.0
7	23.0	22.0	22.5	19.0	16.5	17.5	12.5	12.	12.5	12.5	11.5	12.
8	22.0	21.5	21.5	21.0	17.5	19.0	13.5	12.0	13.0	11.5	11.0	11.5
9	21.5	21.0	21.0	19.0	16.5	18.0	13.0	12.5	13.0	11.5	11.0	11.0
10	21.0	20.5	21.0	19.0	16.5	17.5	13.0	13.0	13.0	13.0	12.0	12.5
11	22.5	19.5	20.5	18.0	15.0	15.5	13.5	13.0	13.5	13.5	13.0	13.0
12	21.5	19.5	20.0	17.0	16.0	16.5	14.0	13.5	13.5	13.5	12.5	13.0
13	20.0	19.5	20.0	18.5	16.5	17.0	14.5	14.0	14.0	13.5	12.5	13.0
14	21.0	20.0	20.5	17.5	16.5	17.0	14.5	14.0	14.5	14.0	13.5	14.0
15	---	---	---	18.5	17.0	17.5	14.0	14.0	14.0	14.0	13.0	14.0
16	---	---	---	23.0	17.5	18.0	14.5	14.0	14.0	13.0	13.0	13.0
17	---	---	---	19.0	17.5	18.0	14.5	14.5	14.5	13.0	9.0	11.5
18	---	---	---	19.5	17.5	18.0	14.5	13.5	14.0	9.0	8.5	9.0
19	---	---	---	19.5	16.0	18.5	13.5	11.5	12.5	10.0	9.0	9.5
20	---	---	---	19.0	15.0	15.0	12.5	11.5	12.0	11.0	10.0	10.5
21	---	---	---	21.0	16.5	18.5	13.0	12.5	12.5	11.5	10.5	11.0
22	---	---	---	21.0	17.0	19.0	13.0	12.5	12.5	12.0	11.5	11.5
23	---	---	---	21.5	21.0	21.5	12.5	11.5	12.0	12.0	12.0	12.0
24	---	---	---	---	---	---	11.5	11.0	11.5	12.5	12.0	12.0
25	---	---	---	---	---	---	11.5	11.0	11.5	12.5	12.0	12.5
26	21.0	20.5	20.5	---	---	---	12.5	11.5	12.0	12.0	11.5	12.0
27	20.5	20.0	20.5	---	---	---	13.5	12.0	12.5	11.5	11.0	11.5
28	21.0	20.5	20.5	---	---	---	14.0	13.0	13.5	12.0	11.5	12.0
29	21.0	21.0	21.0	---	---	---	14.5	14.0	14.0	12.0	12.0	12.0
30	21.0	21.0	21.0	14.5	14.0	14.0	15.0	14.5	15.0	12.0	12.0	12.0
31	21.5	21.0	21.0	---	---	---	15.0	14.5	15.0	12.0	11.5	12.0
MONTH	---	---	---	23.0	14.0	18.5	15.0	10.0	13.0	14.5	8.5	12.0

02197370 Savannah River below Steel Creek near Milletville, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.5	10.5	11.0	14.5	12.5	13.0	13.5	13.0	13.5	18.5	18.0	18.0
2	10.5	10.0	10.5	14.5	13.0	14.0	13.5	13.0	13.5	19.0	18.0	18.5
3	10.0	9.5	10.0	14.5	13.5	14.0	14.5	13.0	14.0	19.5	18.5	19.0
4	10.0	9.0	9.5	14.0	13.0	13.5	15.0	14.0	14.5	20.0	19.0	19.5
5	9.0	8.0	8.5	13.5	12.5	13.0	15.5	14.5	15.0	20.0	19.0	19.5
6	8.5	7.5	8.0	12.5	11.5	12.0	16.5	15.0	15.5	19.5	19.0	19.0
7	9.5	8.5	9.0	12.5	11.5	12.0	16.5	15.5	16.0	19.5	19.0	19.5
8	10.0	9.0	9.5	13.0	12.5	12.5	17.0	16.0	16.5	19.5	19.0	19.0
9	9.5	9.0	9.0	12.5	12.0	12.5	16.5	15.5	16.0	20.0	19.0	19.5
10	9.0	8.5	9.0	12.0	11.5	11.5	16.0	15.0	15.5	19.5	19.0	19.5
11	9.0	8.5	9.0	12.5	11.0	11.5	15.5	15.0	15.0	19.5	19.0	19.5
12	9.0	9.0	9.0	13.5	12.0	12.5	16.5	15.5	16.0	19.5	19.0	19.0
13	9.5	9.0	9.0	14.0	13.0	13.5	18.0	16.5	17.0	19.5	18.5	19.0
14	9.5	9.0	9.5	15.0	13.5	14.0	18.5	17.0	18.0	19.5	18.5	19.0
15	9.5	9.0	9.0	15.5	14.5	15.0	20.0	18.5	19.0	19.5	19.0	19.5
16	10.0	9.5	10.0	15.0	14.5	15.0	20.0	19.5	19.5	20.0	19.0	19.5
17	10.5	10.0	10.0	14.5	14.0	14.0	20.0	19.5	19.5	20.5	19.0	19.5
18	10.0	9.5	10.0	14.0	13.0	13.5	19.5	19.0	19.0	19.0	17.5	18.5
19	10.0	10.0	10.0	14.0	13.0	13.5	19.5	18.5	19.0	18.0	16.5	17.0
20	10.0	8.0	9.0	14.5	13.5	14.0	20.0	19.0	19.5	17.0	16.5	17.0
21	8.5	8.0	8.0	15.5	14.5	15.0	19.5	18.5	19.5	18.0	17.0	17.5
22	9.0	8.0	8.5	16.5	15.5	16.0	18.5	17.5	18.5	19.0	17.5	18.5
23	10.0	9.0	9.5	16.0	15.0	15.5	18.0	17.5	18.0	19.0	18.5	19.0
24	10.5	9.5	10.0	15.5	14.5	15.0	18.5	17.5	18.0	18.5	17.5	18.0
25	11.0	10.0	10.5	15.0	13.5	14.0	18.0	17.5	17.5	18.0	16.5	17.5
26	12.0	11.0	11.5	13.5	12.5	13.5	18.5	17.5	18.0	18.0	17.5	17.5
27	12.0	12.0	12.0	14.0	13.5	14.0	18.5	17.5	18.0	18.0	17.5	17.5
28	12.0	11.5	12.0	14.0	13.5	14.0	18.0	17.0	17.5	18.0	17.5	17.5
29	13.0	11.5	12.5	14.5	14.5	14.5	18.0	17.0	17.5	19.0	17.5	18.5
30	---	---	---	15.0	14.5	15.0	18.5	17.5	18.0	20.0	19.0	19.5
31	---	---	---	14.5	13.5	14.0	---	---	---	20.5	19.5	20.0
MONTH	13.0	7.5	10.0	16.5	11.0	13.5	20.0	13.0	17.0	20.5	16.5	18.5

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.0	20.0	20.5	22.0	21.5	22.0	26.0	25.5	25.5	24.5	24.0	24.0
2	20.5	20.0	20.5	23.0	22.0	22.5	26.5	25.5	26.0	24.5	23.5	24.0
3	21.0	20.0	20.5	23.5	22.5	23.0	26.5	25.5	26.0	24.5	23.5	24.0
4	21.5	20.5	21.0	24.0	23.0	23.5	26.5	25.5	26.0	25.0	24.0	24.5
5	22.0	21.0	21.5	23.5	21.5	22.5	26.5	26.0	26.0	24.5	24.0	24.5
6	23.0	22.0	22.5	22.0	21.0	21.5	26.0	25.0	25.5	24.0	23.5	24.0
7	23.5	22.5	23.0	21.0	21.0	21.0	26.0	25.0	25.5	24.0	23.0	23.5
8	23.0	22.5	23.0	21.5	21.0	21.5	26.0	25.5	25.5	24.0	23.0	23.5
9	23.0	22.0	22.5	23.0	21.5	22.0	26.0	25.0	25.5	24.0	23.5	23.5
10	23.5	22.5	23.0	23.5	22.5	23.0	26.0	25.5	25.5	24.0	23.5	24.0
11	22.5	22.0	22.5	24.0	23.0	23.5	25.5	24.0	25.0	24.0	23.5	23.5
12	22.5	21.5	22.0	24.0	23.5	23.5	24.5	24.0	24.5	24.5	23.0	23.5
13	23.0	21.5	22.0	25.0	24.0	24.5	24.5	23.5	24.0	24.5	23.5	24.0
14	23.5	22.0	22.5	25.0	24.0	24.5	25.5	24.0	25.0	25.0	23.5	24.5
15	23.5	22.5	23.0	25.0	24.0	24.5	26.0	24.5	25.5	25.0	24.0	24.5
16	23.5	22.5	23.0	25.0	24.0	24.5	25.5	24.5	25.0	25.0	24.0	24.5
17	23.5	23.0	23.0	25.0	24.0	24.5	25.0	24.5	24.5	25.0	24.0	24.5
18	23.5	23.0	23.0	25.5	24.5	25.0	25.0	24.5	24.5	24.5	24.5	24.5
19	23.0	21.5	22.5	25.5	24.5	25.0	25.5	24.0	24.5	25.0	24.0	24.5
20	22.0	21.5	21.5	25.5	24.5	25.0	26.0	25.0	25.5	25.5	24.5	25.0
21	22.5	21.5	22.0	25.5	25.0	25.0	26.0	25.0	25.5	24.5	24.0	24.5
22	22.0	21.0	21.0	25.5	25.0	25.5	25.5	25.0	25.0	24.5	23.5	24.0
23	21.0	20.0	20.5	26.0	25.0	25.5	26.0	25.0	25.5	24.5	23.5	24.0
24	21.0	20.5	21.0	26.0	25.5	26.0	26.0	25.0	25.5	24.5	23.5	24.0
25	21.0	20.5	20.5	26.5	25.5	26.0	25.5	25.0	25.0	24.5	24.0	24.0
26	21.0	20.5	21.0	26.5	26.0	26.0	26.0	25.0	25.5	24.5	24.0	24.5
27	21.0	21.0	21.0	26.0	25.0	25.5	26.0	25.0	25.5	25.0	24.5	24.5
28	21.0	20.5	20.5	26.0	25.0	25.5	26.0	25.0	25.5	25.0	24.5	25.0
29	21.0	20.0	20.5	26.0	25.0	25.5	25.0	25.0	25.0	25.0	24.5	25.0
30	22.0	20.5	21.0	26.0	25.0	25.5	25.5	25.0	25.0	25.0	24.0	24.5
31	---	---	---	26.0	25.5	25.5	25.0	24.0	24.5	---	---	---
MONTH	23.5	20.0	21.5	26.5	21.0	24.0	26.5	23.5	25.0	25.5	23.0	24.0
YEAR	26.5	7.5	18.0									

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
WACCAMAW RIVER BASIN						
02110750 - WACCAMAW RIVER AT CONWAY S C (LAT 33 49 53 LONG 079 02 37)						
DEC., 1971						
14...	1040	15.5	70	6.2	8.0	320
FEB., 1972						
15...	1120	8.5	52	5.9	10.3	180
APR.						
18...	1040	21.0	60	6.1	7.4	800
MAY						
16...	0955	23.0	75	6.3	6.9	2900
JULY						
18...	1400	27.0	72	5.5	5.8	2000
02110795 - INTRACOASTAL WATERWAY AT SOCASTEE S C (LAT 33 41 10 LONG 079 00 20)						
DEC., 1971						
14...	1105	15.5	70	6.1	7.6	68
FEB., 1972						
15...	1045	8.0	50	5.8	10.4	23
APR.						
18...	1020	20.5	64	6.3	7.0	29
MAY						
16...	0930	21.5	75	6.3	6.3	50
JULY						
20...	0700	26.5	75	6.4	5.2	24
02110800 - INTRACOASTAL WATERWAY NR CHERRY GROVE BEACH S (LAT 33 51 10 LONG 078 39 23)						
DEC., 1971						
14...	1005	14.5	400	6.8	8.8	150
FEB., 1972						
15...	0955	8.0	75	6.3	10.8	120
APR.						
18...	0935	19.5	175	7.3	8.2	94
MAY						
16...	0850	22.0	450	7.2	7.8	180
JULY						
19...	1150	28.5	140	6.7	6.6	220
PEE DEE RIVER BASIN						
02130700 - PEE DEE R AT SOCIETY HILL S C (LAT 34 31 40 LONG 079 49 40)						
DEC., 1971						
13...	1220	15.0	78	7.0	10.0	--
FEB., 1972						
14...	1240	8.5	70	6.8	11.6	180
APR.						
17...	1245	20.0	80	7.2	9.0	370
MAY						
15...	1150	20.0	81	7.0	8.4	360
JULY						
18...	0745	26.0	54	6.2	7.4	2800
02131142 - JEFFERIES C NR FLORENCE S C (LAT 34 08 09 LONG 079 37 51)						
DEC., 1971						
13...	1405	19.0	90	6.6	6.8	150
FEB., 1972						
14...	1420	11.0	78	6.4	10.8	40
APR.						
17...	1345	23.5	95	6.8	7.1	200
MAY						
15...	1320	20.0	100	6.5	7.2	360
JULY						
17...	1220	25.0	115	7.1	6.7	280
02132200 - LYNCHES R NR JOHNSONVILLE S C (LAT 33 50 30 LONG 079 26 51)						
DEC., 1971						
14...	1230	16.5	62	6.3	8.0	75
FEB., 1972						
15...	1300	10.0	50	6.2	11.1	42
APR.						
18...	1200	20.5	65	6.6	6.7	42
MAY						
16...	1105	22.0	63	6.5	6.3	170
JULY						
18...	1315	25.0	65	6.2	6.0	190

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
PEE DEE RIVER BASIN--continued						
02132500 - L PEE DEE R NR DILLON S C (LAT 34 24 17 LONG 079 20 25)						
DEC., 1971						
14...	0840	14.0	40	5.8	7.7	27
FEB., 1972						
15...	0820	7.0	41	5.8	11.0	16 *
APR.						
18...	0805	18.5	37	6.2	6.8	46
MAY						
16...	0645	18.5	36	6.0	6.8	170
JULY						
17...	1345	26.5	37	6.3	6.5	110
02135520 - TURKEY C AT SUMTER S C (LAT 33 52 27 LONG 080 20 05)						
DEC., 1971						
08...	1120	15.5	420	7.5	5.1	60000
FEB., 1972						
10...	1155	7.0	450	9.7	9.2	1200
APR.						
19...	0950	20.5	600	7.8	3.2	--
MAY						
17...	0825	20.0	500	7.7	4.6	70000
JULY						
20...	1015	28.5	750	7.7	1.0	11000
SANTEE RIVER BASIN						
02145640 - CROWDERS C NR BOWLING GREEN S C (LAT 35 08 38 LONG 081 09 04)						
OCT., 1971						
05...	0730	19.0	230	6.8	7.8	4200
MAY , 1972						
22...	1200	18.5	75	6.6	8.0	29000
JUNE						
15...	1110	20.0	250	6.8	7.0	5000
JULY						
14...	0900	22.0	250	7.0	6.4	600
02156310 - LAWSONS FORK C NR SPARTANBURG S C (LAT 34 56 30 LONG 081 50 23)						
NOV., 1971						
18...	1455	16.0	64	7.0	9.7	5000
JAN., 1972						
13...	1210	13.5	52	6.3	10.2	13000
MAR.						
23...	1150	13.5	53	6.8	10.0	3400
JUNE						
13...	1055	19.0	62	6.9	9.1	170
02160300 - ENOREE R AT BATESVILLE S C (LAT 34 52 21 LONG 082 14 35)						
NOV., 1971						
18...	0825	11.0	110	6.4	8.9	2300
JAN., 1972						
13...	0915	12.0	58	6.2	10.4	1100
MAR.						
23...	0910	11.5	74	6.3	9.5	790
JUNE						
13...	0745	16.5	115	6.6	8.1	270
02160750 - BROAD R NR BLAIR S C (LAT 34 23 40 LONG 081 24 00)						
NOV., 1971						
26...	0910	4.0	74	7.1	12.5	--
JAN., 1972						
14...	1100	14.0	48	6.6	10.6	2000
MAR.						
24...	1145	12.0	66	7.1	10.1	7000
JUNE						
14...	1200	23.0	78	7.3	8.9	300
JULY						
25...	0900	27.0	90	6.9	7.0	490

* Value based on non-ideal colony count.

DATE	TIME	TEMP- ERATURE (DEG C)	SPECI- FIC COND- UCTANCE (MICRO- MHOS)	PH (UNITS)	DIS- SOLVED OXYGEN (MG/L)	FECAL COLI- FORM (COL. PER 100 ML)
SANTEE RIVER BASIN--continued						
02161000 - BROAD R AT ALSTON S C (LAT 34 15 10 LONG 081 19 40)						
NOV., 1971						
26...	0835	3.5	80	7.1	12.1	440
JAN., 1972						
14...	1125	13.5	51	6.7	11.4	1700
MAR.						
24...	1215	13.0	68	7.2	10.2	4100
JUNE						
14...	1250	24.0	75	7.1	8.6	--
JULY						
25...	0830	23.5	86	6.8	6.9	600
02162550 - SALUDA R NR GOLDEN GROVE S C (LAT 34 47 03 LONG 082 27 30)						
NOV., 1971						
17...	1400	15.0	32	6.7	10.2	210
JAN., 1972						
12...	1410	12.5	27	6.3	11.1	1600
MAR.						
22...	1345	16.0	32	6.9	9.9	1000
JUNE						
12...	1255	21.0	36	6.7	8.4	280
02163200 - SALUDA R NR HONEA PATH S C (LAT 34 29 50 LONG 082 20 00)						
NOV., 1971						
17...	1135	16.0	40	6.7	9.8	120
JAN., 1972						
12...	1150	11.0	31	6.7	11.6	2300
MAR.						
22...	1120	18.0	38	7.1	9.4	83
JUNE						
12...	0850	21.0	42	6.9	7.9	110
02169590 - GILLS C NR COLUMBIA S C (LAT 33 56 52 LONG 080 59 22)						
DEC., 1971						
08...	0840	10.5	72	6.4	8.0	380
FEB., 1972						
23...	0845	8.5	62	6.2	9.4	340
APR.						
21...	1115	21.5	85	6.5	6.1	1600
MAY						
19...	1145	23.0	80	6.5	6.6	55
JULY						
13...	0740	25.0	120	6.7	6.1	1500
02171850 - S SANTEE R NR MCCLELLANVILLE S C (LAT 33 10 00 LONG 079 24 30)						
DEC., 1971						
15...	0810	17.0	5800	7.3	8.2	50
FEB., 1972						
16...	0805	9.5	87	7.1	11.5	24
APR.						
18...	1335	23.0	11500	7.9	8.8	31
MAY						
16...	1225	24.0	21000	7.2	7.1	47
JULY						
26...	1400	31.0	600	7.4	8.1	74
COOPER RIVER BASIN						
02172001 - LAKE MOULTRIE TAILRACE NR MONCKS CORNER S C (LAT 33 12 50 LONG 079 58 40)						
DEC., 1971						
15...	0940	14.5	85	7.4	10.6	--
FEB., 1972						
16...	1000	10.0	75	7.4	11.7	--
APR.						
25...	1050	18.5	82	7.6	8.9	--
MAY						
19...	0920	21.5	83	7.8	9.0	--
JULY						
26...	1230	28.5	85	7.0	6.7	10*

* Value based on non-ideal colony count.

DATE	TIME	TEMP-ERATURE (DEG C)	SPECI-FIC COND-UCTANCE (MICRO-MHOS)	PH (UNITS)	DIS-SOLVED OXYGEN (MG/L)	FECAL COLI-FORM (COL. PER 100 ML)
COOPER RIVER BASIN--continued						
02172069 - WANDO R NR WANDO S C (LAT 33 24 50 LONG 079 31 10)						
DEC.. 1971						
15...	0900	16.5	18000	7.6	9.9	12 *
FEB.. 1972						
16...	0900	9.5	20000	7.6	11.2	20
APR.						
25...	1010	19.5	20000	7.6	7.6	--
MAY						
19...	0840	22.0	28000	7.6	6.8	21
JULY						
26...	1200	31.0	13000	7.5	7.5	17 *
02172080 - ASHLEY R NR SUMMERVILLE S C (LAT 32 57 30 LONG 080 12 10)						
DEC.. 1971						
15...	1240	19.0	80	6.5	6.3	130
FEB.. 1972						
16...	1325	11.5	59	6.6	9.6	93
APR.						
25...	0815	18.0	87	6.6	6.5	110
MAY						
18...	1310	23.0	85	6.8	6.9	170
JULY						
27...	1055	29.0	110	7.1	6.6	36
EDISTO RIVER BASIN						
02173600 - N F EDISTO R NR ROWESVILLE S C (LAT 33 21 21 LONG 080 53 09)						
DEC.. 1971						
16...	1315	19.5	46	6.5	7.3	630
FEB.. 1972						
17...	1335	9.5	31	6.4	10.9	90
APR.						
24...	1245	20.0	32	6.4	7.7	130
MAY						
18...	0750	19.5	72	7.0	6.5	750
02174050 - EDISTO R AT CANADYS S C (LAT 33 03 50 LONG 080 36 50)						
DEC.. 1971						
15...	1205	18.5	40	6.2	7.9	52
FEB.. 1972						
16...	1245	11.0	39	--	10.6	80
APR.						
25...	0730	18.5	48	6.7	7.4	71
MAY						
18...	1210	23.5	40	6.6	7.6	73
JULY						
27...	1430	30.0	56	6.5	7.2	9 *
02174230 - GRAMLING C NR ORANGEBURG S C (LAT 33 30 30 LONG 080 48 48)						
DEC.. 1971						
16...	1340	20.0	79	6.7	7.7	210
FEB.. 1972						
17...	1410	10.0	70	6.5	10.3	210
APR.						
25...	1255	17.0	90	6.5	7.5	430
MAY						
18...	0720	17.5	94	6.4	7.2	800
JULY						
24...	0945	23.5	115	6.0	3.6	340
ASHEPOO RIVER BASIN						
02175150 - ASHEPOO R AT ASHEPOO S C (LAT 32 44 30 LONG 080 33 20)						
DEC.. 1971						
16...	0850	18.5	80	6.1	6.9	130
FEB.. 1972						
17...	0845	10.0	50	6.0	9.4	110
APR.						
24...	1455	24.5	110	6.2	5.8	65
MAY						
18...	1110	25.0	650	6.0	4.9	51
JULY						
27...	1300	30.5	110	6.6	5.3	29

* Value based on non-ideal colony count.

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
COMBAHEE RIVER BASIN						
02175200 - SALKAHATCHIE R AT S C HWY 64 NR BARNWELL S C (LAT 33 14 25 LONG 081 24 30)						
DEC., 1971						
16...	1155	19.0	42	6.7	7.7	--
FEB., 1972						
17...	1215	9.5	33	6.4	10.2	68
APR.						
24...	1015	17.5	44	6.5	7.9	79
MAY						
12...	1010	18.0	47	6.8	8.3	47
02175310 - SALKAHATCHIE R AT S C HWY 3 NR BARNWELL S C (LAT 33 12 21 LONG 081 21 12)						
DEC., 1971						
16...	1140	19.0	85	6.7	5.6	10000
FEB., 1972						
17...	1200	10.0	62	6.4	9.2	--
APR.						
24...	1030	18.0	600	3.2	7.0	--
MAY						
12...	1030	18.5	110	6.7	5.6	2000
02175370 - SALKAHATCHIE R NR ULMER S C (LAT 33 06 48 LONG 081 11 48)						
DEC., 1971						
16...	1120	18.5	62	6.7	6.8	70
FEB., 1972						
17...	1130	10.0	50	6.6	10.0	180
APR.						
24...	1135	18.5	70	6.8	7.5	250
MAY						
18...	0855	19.5	66	6.4	7.5	130
02175570 - HALFMOON BR NR BAMBERG S C (LAT 33 17 30 LONG 081 03 06)						
DEC., 1971						
16...	1235	20.0	76	6.8	8.7	330
FEB., 1972						
17...	1255	10.5	50	5.8	10.1	1100
APR.						
24...	1225	19.0	85	7.0	8.8	440
MAY						
18...	0825	18.5	95	6.9	8.7	560
02175600 - LEMON C NR BAMBURG S C (LAT 33 16 05 LONG 081 02 40)						
DEC., 1971						
16...	1245	19.5	120	7.0	5.2	2300
FEB., 1972						
17...	1315	10.5	90	6.8	9.5	180
APR.						
24...	1210	19.0	250	7.4	6.0	150
MAY						
18...	0815	18.5	300	7.3	3.6	1500

BROAD RIVER BASIN

02176400 - COOSAWHATCHIE R NR FAIRFAX S C (LAT 32 56 20 LONG 081 17 30)

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
DEC., 1971						
16...	1050	19.0	73	6.7	6.7	190
FEB., 1972						
17...	1055	10.0	57	6.5	10.1	240
APR.						
24...	1105	18.5	100	6.9	7.4	300
MAY						
18...	0930	19.5	130	6.9	7.2	310

02176510 - COOSAWHATCHIE R NR VARNVILLE S C (LAT 32 47 48 LONG 081 03 15)

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
DEC., 1971						
16...	1010	18.5	70	6.5	5.9	50
FEB., 1972						
17...	1015	10.0	56	6.5	9.6	72
APR.						
24...	1340	20.0	90	6.6	4.5	140
MAY						
18...	1000	20.5	85	6.5	6.0	120

02176520 - POCOTALIGO R NR YEMASSEE S C (LAT 32 38 21 LONG 080 51 27)

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
DEC., 1971						
16...	0935	18.5	1700	6.9	6.8	580
FEB., 1972						
17...	0930	10.5	105	6.3	9.3	700
APR.						
24...	1405	24.0	1600	6.8	5.6	290
MAY						
18...	1025	24.5	15000	7.0	6.1	400
JULY						
27...	1345	31.0	15000	8.2	9.2	110

SAVANNAH RIVER BASIN

02186800 - SENECA R NR CLEMSON S C (LAT 33 40 50 LONG 082 51 30)

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
NOV., 1971						
17...	1250	16.5	35	7.1	8.9	--
JAN., 1972						
12...	1300	11.0	34	7.0	11.0	380
MAR.						
22...	1235	15.5	32	7.2	11.2	--
JUNE						
12...	1145	24.5	35	7.5	8.9	--

02187920 - BEAVER C NR STARR S C (LAT 34 22 40 LONG 082 35 00)

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
NOV., 1971						
17...	1045	12.5	76	6.9	9.3	530
JAN., 1972						
12...	1110	11.5	50	6.2	10.3	730
MAR.						
22...	1040	14.5	55	6.8	9.4	7800
JUNE						
12...	0945	16.0	68	6.7	8.9	420

02187960 - ROCKY R NR LOWNDESVILLE S C (LAT 34 12 50 LONG 082 37 40)

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
NOV., 1971						
17...	1020	14.0	57	7.2	9.0	40
JAN., 1972						
12...	1040	10.5	54	7.0	11.6	180
MAR.						
22...	1015	12.5	49	7.0	10.2	180
JUNE						
12...	1015	19.0	53	6.7	7.6	45

DATE	TIME	TEMPERATURE (DEG C)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	DISSOLVED OXYGEN (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
SAVANNAH RIVER BASIN--continued						
02196550 - SAVANNAH R AT N AUGUSTA S C (LAT 33 28 30 LONG 081 56 20)						
DEC., 1971 10...	1150	13.0	53	6.9	11.0	130
FEB., 1972 11...	1130	8.0	49	7.1	11.4	2000
APR. 24...	0830	14.5	49	6.8	9.7	190
MAY 12...	0800	15.5	53	7.7	9.6	25
JULY 12...	1125	21.0	54	7.1	8.0	--
02196600 - HORSE C NR CLEARWATER S C (LAT 32 28 30 LONG 081 54 40)						
DEC., 1971 10...	1135	13.0	220	9.6	7.6	3300
FEB., 1972 11...	1100	7.5	200	9.5	9.4	600
APR. 24...	0845	17.5	250	9.4	6.0	1200
MAY 12...	0835	19.0	280	9.1	3.5	1700
JULY 12...	1144	25.0	110	7.4	4.7	8200
02196650 - SAVANNAH R NR BEECH ISLAND (LAT 33 26 30 LONG 081 54 50)						
DEC., 1971 10...	1120	13.0	52	7.2	11.0	5800
FEB., 1972 11...	1020	7.0	48	7.1	11.4	1700
APR. 24...	0905	15.0	56	6.8	9.8	1300
MAY 12...	0855	16.5	64	7.3	9.4	680
JULY 12...	1225	22.0	54	7.0	7.7	1000

PART 3. GROUND WATER RECORDS

331940N0814435.1. (La-4) U.S. Atomic Energy Commission, Savannah River Plant, Aiken. Drilled unused artesian well in sands of the Tuscaloosa Formation. Diam. 8 in.; depth 605 ft; casing to 605 ft; screened at 390-400 ft, 455-465 ft, 590-600 ft. Lsd 357 ft above msl; MP top of casing at lsd. Highest water level, 144.82 ft on Feb. 23, 1966; lowest, 153.94 ft on May 29, 1957. Records available: 1955-72.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		152.71	152.65	151.98		151.52	151.22	151.12		150.84	150.68	153.46
2			152.74	152.02		151.47	151.15	151.13		150.79	150.76	153.44
3	152.77		152.72	152.06		151.44	151.13	151.19		150.74	150.83	153.32
4	152.70		152.47	151.98		151.53	151.24	151.32		150.71	150.88	153.22
5	152.90		152.39	152.02		151.50	151.34	151.54		150.63	150.85	153.09
6	152.91		152.26	152.16		151.57	151.32	151.60		150.64	150.76	153.23
7	152.94		152.22	152.31		151.68	151.27	151.54	151.25	150.75	150.68	153.36
8	152.98		152.32	152.38		151.69	151.26	151.40	151.22	150.78	150.72	153.46
9	152.86	152.70	152.40	152.20		151.78	151.32	151.30	151.19	150.70	152.02	153.37
10	152.59	152.64	152.42	152.21		151.84	151.27	151.36	151.12	150.64	153.71	153.31
11	152.53	152.64	152.36	151.98		151.86	151.26	151.58		150.64	153.55	153.36
12	152.62	152.62	152.25	152.01		151.67	151.25	151.62		150.65	153.68	153.44
13	152.72	152.60	152.56	152.17		151.47	151.24	151.50		150.64	153.46	153.49
14	152.76	152.57	152.22	152.17		151.43	151.27	151.32		150.66	153.41	153.46
15	152.84	152.54	152.32	152.30		151.44	151.32	151.27		150.70	153.44	153.47
16	152.84	152.52	152.39			151.36	151.14	151.28		150.64	153.43	153.52
17	152.82	152.54	152.35			151.27	151.02	151.27		150.60	153.42	153.40
18	152.81	152.60	152.42			151.43	151.26	151.24		150.67	153.41	153.37
19	152.82	152.60	152.33			151.47	151.42	151.25	150.76	150.67	153.36	153.48
20	152.86	152.52	152.12			151.49	151.50	151.23	150.58	150.67	153.28	153.50
21	152.86	152.40	152.03			151.53	151.51	151.01	150.56	150.67	153.26	153.53
22	152.82	152.42	152.16			151.40	151.45	150.89	150.76	150.61	153.31	153.61
23	152.72	152.59	152.20			151.39	151.34	151.06	150.85	150.50	153.32	153.62
24	152.58	152.68	152.17			151.47	151.24	151.19	150.91	150.45	153.32	153.51
25	152.50		152.03			151.47	151.25	151.18	150.84	150.51	153.39	153.41
26	152.58		152.12		151.55	151.43	151.33	151.28	150.77	150.62	153.36	153.43
27	152.69		152.28		151.54	151.34	151.45		150.87	150.70	153.27	153.44
28	152.80		152.13		151.49	151.28	151.52		150.90	150.70	153.21	153.45
29	152.86		151.98		151.49	151.30	151.47		150.86	150.68	153.26	153.41
30	152.80		151.98		------	151.34	151.23		150.86	150.60	153.34	153.28
31	152.68	------	151.98		------	151.30	------		------	150.60	153.42	------
MEAN			152.29			151.49	151.30			150.66	152.67	153.41

331705N0813915.1. (S-138) U.S. Atomic Energy Commission, Savannah River Plant. Drilled unused artesian well in sand of Eocene age. Diam. 3 in.; depth 90 ft; casing depth not applicable. Lsd about 293 ft above msl; MP top of casing .88 ft above lsd. Highest water level, 32.30 ft on Apr. 28, 1960; lowest, 54.68 ft on Feb. 12, 1955. Records available: 1954-66, 1972.

DAILY WATER LEVEL BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								44.46	44.78		45.72	45.69
2								44.39	44.86		45.71	45.68
3								44.32	44.91		45.74	45.46
4								44.36	44.95		45.75	45.46
5								44.53	44.96		45.74	45.45
6								44.59	44.94		45.70	45.38
7								44.57	44.92		45.71	45.35
8								44.44	44.96		45.72	45.35
9								44.33	45.00		45.67	45.32
10								44.48	45.01		45.60	45.23
11								44.65	45.07		45.56	45.21
12								44.65	45.16		45.57	45.23
13								44.59	45.15		45.60	45.25
14								44.48	45.14		45.63	45.23
15								44.46	45.14		45.63	45.22
16								44.49	45.14		45.62	45.22
17								44.50	45.14		45.60	45.18
18								44.52	45.17		45.63	45.10
19								44.57	45.19		45.70	45.07
20								44.58	45.07		45.70	45.07
21								44.58	44.80		45.68	45.06
22								44.57	45.06		45.66	45.06
23								44.59	45.19		45.67	45.02
24								44.64			45.66	44.98
25								44.67			45.62	44.97
26								44.81			45.60	44.96
27								44.86			45.60	44.96
28							44.48	44.86		45.82	45.60	44.96
29							44.48	44.85		45.83	45.59	44.96
30					------		44.47	44.82		45.82	45.55	45.02
31		------			------		------	44.78	------	45.76	45.50	------
MEAN								44.58			45.65	45.19

331320N0814405.1. (S-411) U.S. Atomic Energy Commission, Savannah River Plant, Aiken. Drilled unused artesian well in sand of Late Cretaceous age. Diam. 2 in.; depth 270 ft; casing to 265 ft. Lsd about 157.53 ft above msl; MP top of casing 17.82 ft above lsd. Highest water level, 15.60 ft (revised) on Apr. 17, 1964, lowest, 10.10 ft on Sept. 10, 1956. Partial records available: 1953-72.

DAILY NOON (1200) WATER LEVEL MEASUREMENTS ABOVE LAND-SURFACE DATUM, WATER OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.33		11.34		11.96			11.07	11.27		11.84	12.05
2	11.33		11.36		12.04			11.12	11.23			12.03
3	11.33		11.70		12.13			11.20	11.19			12.02
4	11.30		11.63		11.92			11.19	11.18			12.01
5	11.29	11.40	11.57		11.86			11.11	11.19			12.06
6	11.31		11.59		11.96			11.06	11.25			12.03
7	11.30		11.60	11.40	12.04			11.07	11.23		11.86	11.99
8	11.27			11.40	11.85			11.18	11.19		11.85	11.97
9	11.29			11.32	11.83			11.19	11.20		11.78	11.99
10			11.68		11.80			11.10	11.20		11.79	11.96
11					11.83			11.00	11.10		12.02	11.90
12		11.42			11.92			10.99	11.10		12.04	11.90
13					12.06			11.01	11.08		12.09	11.91
14				11.91	11.95			11.11	11.09		12.09	11.94
15	11.30				11.90			11.13	11.08		12.06	11.90
16					11.89			11.13	11.09		12.04	11.90
17			11.79		12.04			11.15	11.09		12.06	11.86
18								11.18	11.07		12.08	11.80
19				12.10				11.21	11.19		12.08	11.80
20								11.26	11.45		12.08	11.80
21				12.17				11.27	11.45	11.87	12.06	11.78
22	11.45		11.50	12.22				11.27	11.43	11.87	12.06	11.77
23			11.49	12.19				11.27	11.42		12.08	11.75
24			11.56	12.10				11.32			12.12	11.74
25				11.99				11.38			12.09	11.74
26				11.86				11.37			12.08	11.75
27				11.88				11.40			12.09	11.76
28				11.92			11.07	11.36		11.82	12.10	11.77
29	11.42	11.87		11.89			11.07	11.33			12.10	11.82
30		11.42	11.50	11.97	------		11.05	11.35			12.09	11.91
31		------	11.46	11.94	------		------	11.35	------		12.06	------
MEAN								11.20				11.89

AIKEN COUNTY

332555N0815315.1. (Ak-183) Lyles and Lang Construction Company near Beech Island. Drilled unused artesian well in sand of Late Cretaceous age. Diam. 10 in.; depth 320 ft; casing to 320 ft; screened at 290-320 ft. Lsd about 254 ft above msl; MP top of casing .85 ft above lsd. Highest water level, 89.92 ft on Mar. 15, 1966; lowest, 99.43 ft on Mar. 4, 1958. Records available: 1952-66, 1972.

DAILY WATER LEVEL BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									93.18	93.34	93.68	93.66
2									93.15	93.48	93.66	93.69
3								93.48	93.10	93.50	93.76	93.64
4								93.47	92.96	93.41	93.64	93.72
5								93.38	92.94	93.54	93.54	93.75
6								93.33	92.91	93.42	93.62	93.73
7								93.30	92.88	93.45	93.72	93.60
8								93.39	92.90	93.52	93.64	93.56
9								93.52	92.88	93.52	93.44	93.66
10								93.44	92.93	93.52	93.53	93.60
11								93.32	92.85	93.56	93.70	93.57
12								93.30	92.84	93.54	93.72	93.44
13								93.37	92.86	93.42	93.79	93.48
14								93.38	92.61	93.53	93.76	93.57
15								93.38	92.77	93.70	93.72	93.88
16								93.36	92.60	93.63	93.51	93.91
17								93.34	92.79	93.76	93.69	93.79
18								93.34	92.70	93.73	93.75	93.70
19								93.37	92.71	93.72	93.73	93.78
20								93.36	93.30	93.72	93.62	93.83
21								93.35	93.38	93.80	93.67	93.86
22								93.33	93.37	93.90	93.60	93.91
23								93.32	93.41	93.88	93.67	93.89
24								93.32	93.50	93.89	93.58	93.87
25								93.32	93.51	93.84	93.62	93.89
26								93.33	93.51	93.72	93.69	93.96
27								93.27	93.55	93.77	93.54	93.96
28								93.25	93.40	93.80	93.61	93.94
29								93.28	93.33	93.78	93.65	93.98
30					------			93.18	93.30	93.80	93.69	94.17
31		------			------		------	93.22	------	93.60	93.68	------
MEAN									93.07	93.64	93.65	93.77

331506N0794162.0. Jamestown City water. Drilled unused well in Santee Limestone. Diam. 6 in.; depth 32 ft; casing to 28 ft. Lsd about 32 ft above msl; MP top of casing .3 ft above lsd. Open hole in limestone. Highest water level, 6.48 ft on Nov. 2 & 3, 1971; lowest, 12.63 on June 18 & 19, 1972. Records available: 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.10	5.94						11.33	11.89	12.08	11.45	11.83
2	11.12	5.88						11.36	11.92	12.07	11.51	11.47
3	11.26	5.88						11.40	11.98	12.09	11.63	11.34
4	11.31	6.27						11.54	12.03	12.12	11.87	11.31
5	11.42	6.61					8.90	11.72	12.07	11.87	11.91	11.32
6	11.39	6.79					.00	11.78	12.20	11.67	11.78	11.45
7	11.52	6.96					8.79	11.76	12.27	11.47	11.71	11.56
8	11.72	7.31					9.11	11.67	12.36	11.44	11.72	11.63
9	11.68	7.41					9.49	11.69	12.40	11.48	10.89	11.72
10	11.24	7.48					9.48	11.97	12.45	11.56	10.66	11.92
11	11.07	7.68					9.41	12.11	12.48	11.29	10.39	12.02
12	10.99	7.86					9.39	12.09	12.42	10.90	10.29	12.07
13	10.99	8.00					9.44	12.08	12.42	10.98	10.33	12.14
14	10.99	8.26					9.65	12.12	12.51	10.99	10.43	12.17
15	11.09	8.44					9.84	12.22	12.51	11.08	10.57	12.26
16	11.16	8.50					9.85	12.34	12.50	10.89	10.75	12.36
17	11.24	8.67					10.04	12.44	12.57	10.38	10.84	12.47
18	11.29	8.81					10.32	12.49	12.63	10.33	10.92	12.29
19	11.32	8.83					10.35	12.45	12.63	10.44	11.07	12.11
20	11.41	8.79					10.30	12.28	12.40	10.58	11.22	12.10
21	10.73	8.90					10.44	12.18	12.28	10.70	11.37	12.12
22	8.88	9.37					10.45	12.05	12.32	10.63	11.45	12.20
23	7.64	9.66					10.64	12.06	12.38	10.15	11.57	12.31
24	7.32	9.50					10.63	12.08	12.45	10.20	11.73	12.37
25	7.18	9.34					10.80	12.13	12.48	10.35	11.84	12.43
26	7.13	9.27					11.02	12.23	12.53	10.54	11.80	12.48
27	7.30	9.06					11.13	12.25	12.54	10.70	11.83	12.54
28	7.52	9.14					11.21	12.21	12.52	10.81	11.90	12.59
29	7.70	8.89					11.23	12.04	12.44	10.93	11.90	12.60
30	7.68	8.91			------		11.32	11.96	12.16	11.16	11.93	12.62
31	6.48	------			------		------	11.92	------	11.34	11.98	------
MEAN	10.03	8.08						12.00	12.36	11.07	11.33	12.06

321551N0804910.3. (Bf-215) Victoria Bluff near Hilton Head Island. Drilled observation well in Ocala Limestone. Diam. 6 in.; depth 300 ft; casing to 100 ft; open hole below casing. Lsd 23 ft above msl; MP 1.46 ft above lsd. Highest water level, 23.14 ft on Sept. 10, 1971; lowest, 24.99 ft on Aug. 1, 1971. Records available: 1970-72.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.97	23.39	23.93		23.67	23.65	23.66	24.05	23.75	24.56	25.71	
2	24.04	23.35	23.92	23.56	23.54	23.58	23.75	24.00	23.88	24.65	25.75	
3	24.04	23.36	23.45	23.68	23.49	23.63	23.85	23.95	23.90	24.64	25.65	
4	24.03	23.40	23.30	23.62	23.99	23.75	23.92	23.97	24.00	24.66	25.66	
5	24.00	23.48	23.44	23.65	23.13	23.80	23.92	24.16	24.17	24.58	25.60	
6	23.97	23.42	23.42	23.78	23.92	24.00		24.16	24.27	24.55	25.33	
7	24.04	23.45	23.48	23.83	23.77	23.91	23.74	24.10	24.30	24.46	25.22	
8	24.13	23.52	23.68	23.89	23.87		23.90	24.01	24.31	24.37	25.30	
9	24.04	23.43	23.71	23.72	23.85	24.12	23.97	24.00	24.28	24.32	25.52	
10	24.01	23.41	23.65	23.71	23.86	24.08	23.96	24.08	24.29	24.21	25.47	
11	24.19	23.46	23.70	23.81	23.82	24.07	23.91	23.97	24.38	24.33	25.17	
12	24.21	23.56	23.70	23.86	23.62	23.98	23.86	23.99	24.34	24.30	24.98	
13	24.21	23.64	23.85	23.78	23.58	23.93	23.83	23.78	24.39	24.46	24.95	24.46
14	24.16	23.70	23.85	23.83	23.82	23.91	23.89	23.64	24.44	24.45	24.93	24.58
15	24.15	23.67	23.81	23.86	23.78	23.91	23.96	23.68	24.48	24.57	24.98	24.66
16	24.07	23.63	23.87	23.97	23.72	23.68	23.96	23.72	24.58	24.65	24.87	24.64
17	24.00	23.62	23.89	23.93	23.56	23.75	24.04	23.73	24.80		24.79	24.68
18	23.88	23.57	24.05	23.83	23.49	23.90	24.09	23.75	24.91	24.70	24.81	24.77
19	23.78	23.54	23.97	23.80	23.82	23.95	24.12	23.77	24.73	24.69	24.74	24.78
20	23.59	23.52	23.70	23.79	24.12	24.00	24.10	23.80	24.09	24.72	24.72	24.72
21	23.44	23.57	23.80	23.73	24.08	23.93	24.11	23.81	24.07	24.74	24.60	24.61
22	23.38	23.71	23.84	23.66	24.03	23.82	24.00	23.79	24.25	24.72	24.53	24.56
23	23.41	23.74	23.76	23.63	24.02	23.95	24.10	23.78	24.31	24.72	24.57	24.57
24	23.54	23.60	23.68	23.74	23.86	23.95	24.03	23.79	24.44	24.76	24.60	24.69
25	23.58	23.76	23.70	23.83	23.83	23.84	23.99	23.80	24.49	24.91	24.56	24.87
26	23.62	23.75	23.67	23.92	23.70	23.87	23.99	23.83	24.48	24.97	24.52	24.92
27		23.66	23.71	23.83	23.76	23.81	24.05	23.72	24.42	25.05		25.06
28	23.55	23.72	23.70	23.83	23.67	23.76	24.08	23.60	24.50	25.15		25.02
29	23.54	23.53	23.81	23.86	23.66	23.70	24.05	23.65	24.50	25.30		24.97
30	23.45	23.76	23.69	23.78	------	23.68	24.07	23.67	24.50	25.33		25.07
31	23.44	------		23.79	------	23.57	------	23.66	------	25.55		------
MEAN		23.57			23.76			23.85	24.34			

321724N0803856.0. (Bf-217). Lands End, St. Helena Island. Drilled unused observation well in Ocala Limestone. Diam. 4 in.; depth 130 ft; casing to 104 ft; open hole below casing. Lsd about 8 ft above msl; MP top of casing 4.0 ft above lsd. Water level affected by tides. Highest water level, 3.96 ft on Mar. 28, 1971; lowest, 8.53 ft on Feb. 14, 1971. Records available: 1971-72.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.12	5.76	6.33	6.15	6.17	6.26	6.18	6.42	6.22	6.82	7.53	6.90
2	6.20	5.80	6.10	6.15	6.16	6.23	6.43	6.40	6.27	6.79	7.53	6.95
3	6.15	5.98	5.50	6.24	6.27	6.42	6.52	6.40	6.24	6.80	7.47	6.95
4	6.05	5.97	5.56	6.17	7.05	6.45	6.71	6.60	6.27	6.91	7.17	6.97
5	5.96	5.82	5.63	6.42	6.89	6.64	6.56	6.71	6.28	6.78	6.80	7.01
6	6.02	5.76	5.70	6.31	6.61	6.68	6.35	6.58	6.23	6.72	6.06	6.97
7	6.16	5.91	6.08	6.37	6.55	6.57	6.47	6.52	6.08	6.44	6.07	6.86
8	6.15	5.78	6.30	6.32	6.45	6.89	6.67	6.39	5.96	6.41	6.44	6.79
9	6.08	5.70	6.21	6.12	6.43	6.85	6.43	6.54	6.09	6.32	7.80	6.84
10	6.26	5.74	6.15	6.35	6.34	6.81	6.50	6.31	6.37	6.31	7.84	6.66
11	6.34	5.83	6.30	6.52	6.38	6.61	6.48	6.03	6.23	6.37	7.58	6.58
12	6.30	6.06	6.41	6.52	6.09	6.57	6.52	6.07	6.32	6.57	7.37	6.65
13	6.21	6.25	6.52	6.36	6.61	6.58	6.52	5.99	6.43	6.68	7.41	6.72
14	6.17	6.22	6.30	6.58	6.73	6.62	6.68	6.02	6.50	6.77	7.46	6.80
15	6.09	6.05	6.36	6.36	6.58	6.60	6.75	6.15	6.52	6.81	7.53	6.65
16	5.98	6.04	6.56	6.53	6.38	6.28	6.81	6.26	6.57	6.86	7.46	6.49
17	5.90	5.94	6.65	6.43	6.17	6.71	6.90	6.16	6.53	6.81	7.20	6.49
18	5.73	5.85	6.71	6.41	6.27	6.70	6.78	6.14	6.43	6.79	7.29	6.59
19	5.60	5.84	6.44	6.51	7.17	6.75	6.85	6.03	5.84	6.73	7.29	6.52
20	5.31	5.97	6.35	6.51	7.13	6.23	6.83	6.12	5.68	6.74	7.27	6.35
21	5.19	6.09	6.45	6.48	6.89	6.58	6.72	6.09	6.32	6.82	7.04	6.18
22	5.31	6.04	6.23	6.33	7.01	6.62	6.48	6.04	6.38	6.78	6.98	6.14
23	5.54	5.95	6.01	6.35	6.77	6.83	6.61	6.06	6.62	6.75	7.07	6.16
24	5.83	5.85	6.06	6.50	6.65	6.55	6.45	6.03	6.68	6.79	7.25	6.19
25	5.91	6.14	6.19	6.61	6.59	6.39	6.31	6.05	6.70	6.88	7.28	6.34
26	5.91	6.00	6.19	6.49	6.47	6.33	6.19	5.95	6.60	7.01	7.30	6.52
27	5.71	5.98	6.20	6.46	6.16	6.38	6.37	5.67	6.54	7.21	7.23	6.56
28	5.63	6.03	6.41	6.62	6.18	6.40	6.43	5.74	6.54	7.14	7.26	6.58
29	5.65	5.82	6.32	6.65	6.25	6.18	6.41	5.95	6.75	7.12	7.23	6.58
30	5.54	6.32	6.13	6.55	------	6.23	6.44	6.02	6.87	6.83	7.16	6.64
31	5.63	------	6.36	6.46	------	6.03	------	6.10	------	6.54	7.01	------
MEAN	5.89	5.95	6.23	6.41	6.53	6.52	6.55	6.18	6.37	6.75	7.21	6.62

WTR YR 1972 MEAN 6.43

320258N0795745.1. (Chn-136) Exxon Plant, Charleston. Drilled unused artesian well in limestone and sand. Diam. 10 in.; depth 596 ft; casing to 406 ft. Lsd about 15 ft above msl; MP top of casing 1.2 ft above lsd. Highest water level, 82.17 ft on Apr. 28, 1972; lowest, 116.34 ft on Oct. 7, 1971. Records available: 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	115.16	107.27					96.38	103.74	86.85	110.89	88.81	106.29
2	115.93	104.10					97.13	102.58	90.96	112.52	87.76	106.20
3	115.89	103.90					97.59	104.46	95.84	111.38	89.77	105.79
4	116.45	103.91					95.96	105.31	99.26	110.16	87.83	105.36
5	115.07						95.77	105.20	101.04	109.28	89.25	104.91
6	115.60							106.25	100.55	110.97	87.63	104.85
7	116.34							105.60	101.12	109.26	87.01	105.03
8	115.23							106.32	101.75	110.73	82.13	105.28
9	115.19					100.91		108.17	102.37	109.26	87.39	105.55
10	115.16					98.87		106.70	105.01	109.54	87.51	105.84
11	116.27					98.25		106.24	105.33	110.11	85.91	106.13
12	114.31					97.46		106.88	106.61	108.68	85.52	106.37
13	114.39					98.00		108.30	105.90	107.61	85.40	106.57
14	113.36					96.81		106.80	104.94	107.04	86.83	106.77
15	113.67					96.32		107.36	106.74	108.25	86.61	106.97
16	112.02					97.87		107.01	105.74	106.95	90.49	107.00
17	111.90					96.80		106.96	107.27	106.00	94.14	106.60
18	111.41					97.66		106.79	106.53	106.27	98.33	106.11
19	110.75					97.26		107.04	107.78	106.34	99.23	105.20
20	109.69					98.41		107.09	106.26	106.55	98.24	104.83
21	110.54					96.83		107.97	106.78	106.13	101.99	104.16
22	109.05					97.01		105.04	106.44	106.68	103.08	103.82
23	110.51					96.46		96.02	107.19	105.63	104.01	103.50
24	110.14					96.29		96.33	107.07	105.02	103.45	103.37
25	109.22					96.22		93.47	107.81	99.93	104.59	103.17
26	108.33					97.57		93.52	107.37	96.06	104.08	103.20
27	109.42					96.19		90.94	107.75	93.96	106.52	103.52
28	109.12					95.87	82.17	89.01	108.11	93.77	105.17	102.99
29	109.18					97.51	98.54	88.67	110.79	90.81	107.78	102.76
30	109.25				------	96.27	100.10	89.02	109.09	90.75	106.07	103.92
31	109.32	------			------	96.37	------	86.99	------	89.98	107.38	------
MEAN	112.51							101.93	104.07	105.05	94.84	125.07

341150N0793450.1. (Flo-128) DuPont Plant, Florence, near Mars Bluff on Peedee River. Drilled unused artesian well in sands of Late Cretaceous age. Diam. 4 in.; depth 460 ft; casing to 460 ft. Lsd 96 ft above msl; MP top of casing 1.3 ft above lsd. Highest water level, 40.49 ft on July 3, 1972; lowest, 46.96 ft on May 11, 1972. Records available: 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.35	40.56	41.80	41.79	41.53	41.31	41.59	41.81	41.76	40.68	42.00	42.12
2	42.23	40.52	41.77	41.77	41.48	41.33	41.59	41.80	41.79	40.52	42.00	42.09
3	42.17	40.50	41.72	41.79	41.42	41.36	41.57	41.76	41.84	40.49	42.02	42.08
4	42.11	40.62	41.76	41.80	41.37	41.43	41.53	41.71	41.87	40.57	42.06	42.08
5	42.03	40.78	41.76	41.80	41.32	41.46	41.52	41.74	41.91	40.70	42.08	42.09
6	41.96	40.85	41.74	41.83	41.10	41.55	41.49	41.75	41.94	40.85	42.09	42.13
7	41.92	40.89	41.75	41.84	40.90	41.57	41.46	41.74	42.00	40.95	42.09	42.12
8	41.92	40.97	41.75	41.88	40.83	41.58	41.48	41.68	41.99	41.06	42.08	42.11
9	41.93	40.99	41.70	41.87	40.72	41.64	41.57	41.61	42.05	41.20	42.09	42.10
10	41.83	41.03	41.64	41.81	40.67	41.65	41.59	44.62	42.09	41.33	42.08	42.13
11	41.85	41.11	41.60	41.75	40.66	41.69	41.61	46.96	42.10	41.44	42.10	42.17
12	41.86	41.20	41.50	41.67	40.65	41.71	41.61	46.59	42.15	41.53	42.15	42.18
13	41.77	41.28	41.50	41.47	40.59	41.73	41.61	44.82	42.21	41.61	42.16	42.18
14	41.67	41.40	41.50	41.30	40.71	41.77	41.61	43.97	42.25	41.63	42.16	42.14
15	41.63	41.49	41.60	41.13	40.70	41.81	41.61	43.64	42.28	41.66	42.16	42.12
16	41.61	41.54	41.62	41.00	40.85	41.79	41.60	43.27	42.28	41.72	42.14	42.11
17	41.63	41.61	41.62	40.82	40.87	41.70	41.59	43.02	42.27	41.77	42.14	42.12
18	41.63	41.66	41.67	40.85	40.91	41.73	41.62	42.78	42.25	41.83	42.19	42.14
19	41.53	41.71	41.71	40.93	40.92	41.75	41.64	42.56	42.25	41.90	42.25	42.16
20	41.43	41.72	41.60	40.91	41.03	41.77	41.64	42.36	42.27	41.98	42.24	42.16
21	41.31	41.76	41.67	40.89	41.10	41.77	41.65	42.12	42.28	42.03	42.20	42.13
22	41.19	41.86	41.74	40.90	41.11	41.71	41.66	41.92	42.16	42.02		42.12
23	41.11	41.93	41.70	40.98	41.13	41.70	41.66	41.78	41.79	42.01		42.14
24	41.12	41.91	41.76	41.08	41.12	41.71	41.67	41.70	42.00	42.02		42.16
25	41.15	41.87	41.74	41.26	41.11	41.69	41.70	41.67	41.86	42.02		42.17
26	41.15	41.89	41.71	41.31	41.13	41.67	41.77	41.66	41.72	42.02	42.11	42.19
27	41.12	41.85	41.70	41.35	41.22	41.66	41.79	41.67	41.54	41.99	42.12	42.18
28	41.06	41.82	41.70	41.37	41.24	41.64	41.79	41.68	41.35	41.95	42.11	42.16
29	40.93	41.73	41.73	41.42	41.26	41.64	41.79	41.71	41.16	41.99	42.09	42.08
30	40.77	41.72	41.74	41.42	------	41.64	41.80	41.73	40.91	42.00	42.12	42.00
31	40.61	------	41.74	41.47	------	41.60	------	41.75	------	42.01	42.13	------
MEAN	41.57	41.36	41.70	41.40	41.03	41.64	41.63	42.57	41.94	41.53		42.13

332654N0791850.0. (Geo-326) Georgetown Rural Water District near Georgetown. Drilled unused *artesian well in sands of* Peedee and Black Creek Formations. Diam. 10 in.; depth 748 ft; casing to 748 ft; screened at 490-520 ft; 580-660 ft; 720-740 ft; gravel packed. Lsd 22 ft above msl; MP top of casing 2.5 ft above lsd. Highest water level, 81.53 ft on Mar. 17 & 31, 1972; lowest, 88.60 ft on June 30, 1971. Records available: 1970-72.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.95	85.46	83.41			81.72	81.59	82.02	82.39	83.62	85.04	87.04
2	85.91	85.44	83.44			81.69	81.60	81.99	82.48	83.69	85.10	87.09
3	85.96	85.38	83.41			81.69	81.64	81.92	82.55	83.74	85.19	87.15
4	85.96	85.30	83.21			81.75	81.64	81.91	82.61	83.79	85.28	87.18
5	86.00	85.33	83.43			81.77	81.66	82.00	82.65	83.80	85.37	87.16
6	86.01	85.31	83.27			81.85	81.61	82.06	82.69	83.94	85.44	87.18
7	85.98	85.73	83.18			81.84	81.54	82.07	82.72	83.98	85.51	87.21
8	85.97	85.14	83.12			81.79	81.58	82.02	82.81	83.96	85.60	87.21
9	86.04	85.12	83.13		81.68	81.88	81.71	81.95	82.86	84.01	85.72	87.21
10	85.98	85.00	83.08		81.66	81.86	81.70	82.07	82.88	84.04	85.81	87.27
11	85.78	84.89	83.05		81.65	81.88	81.64	82.17	82.99	83.87	85.89	87.29
12	85.83	84.80	83.03		81.77	81.93	81.59	82.20	83.05	83.85	85.96	87.28
13	85.86	84.70	82.97		81.82	81.76	81.56	82.20	83.08	83.89	86.04	87.27
14	85.86	84.60	82.93		81.78	81.70	81.59	82.15	83.12	83.96	86.12	87.24
15	85.84	84.56	82.86		81.79	81.69	81.63	82.15	83.16	84.03	86.20	87.23
16	85.85	84.48			81.69	81.60	81.62	82.17	83.19	84.07	86.31	87.22
17	85.84	81.82				81.53	81.65	82.20	83.24	84.11	86.36	87.24
18	85.82	84.29				81.65	81.75	82.24	83.29	84.14	86.41	87.17
19	85.82	84.20				81.69	81.77	82.26	83.29	84.18	86.47	87.15
20	85.90	84.05				81.74	81.74	82.29	83.16	84.21	86.54	87.13
21	85.80	83.92				81.73	81.77	82.29	83.08	84.23	86.61	87.10
22	85.71	83.88				81.60	81.76	82.26	83.19	84.25	86.65	87.07
23	85.56	83.94				81.60	81.82	82.23	83.26	84.29	86.71	87.06
24	85.52	83.93				81.65	81.81	82.26	83.33	84.34	86.77	87.03
25	85.55	83.74			81.69	81.63	81.83	82.29	83.35	84.41	86.82	87.00
26	85.53	83.71			81.68	81.65	81.91	82.35	83.38	84.52	86.83	86.96
27	85.52	83.64			81.72	81.61	81.96	82.38	83.46	84.61	86.86	86.93
28	85.55	83.54			81.78	81.55	82.00	82.40	83.50	84.67	86.91	86.91
29	85.57	83.48			81.71	81.57	82.00	82.41	83.51	84.75	86.97	86.87
30	85.57	83.34			------	81.56	82.02	82.41	83.54	84.88	87.04	86.81
31	85.50	------			------	81.53	------	82.38	------	84.99	87.06	------
MEAN	85.79	84.42				81.70	81.72	82.18	83.06	84.15	86.18	87.12

334037N0785426.0. (REVISED) (Ho-35) City of Myrtle Beach. Drilled unused artesian well in Peedee and Black Creek Formations. Diam. 8 in.; depth 459 ft; casing to 454 ft; gravel packed. Lsd 25.2 ft above msl; MP top of casing 1.0 ft above lsd. Water level affected by distant pumping. Highest water level, 12.25 ft on Apr. 21, 1958; lowest, 52.40 ft on Aug. 15, 1968. Records available: 1956-72.

DAILY WATER LEVELS BELOW MEASURING POINT, DECEMBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				32.40	31.85	31.20	32.07	33.15	33.64	37.31	39.44	37.66
2				32.39	31.72	31.24	32.13	33.19	33.71	37.37	39.40	37.56
3				32.41	31.57	31.26	32.18	33.21	33.78	37.55	37.97	37.49
4				32.43	31.52	31.37	32.16	33.21	33.86	37.63	37.61	37.47
5				32.46	31.47	31.41	32.17	33.23	33.94	37.79	37.65	37.41
6				32.52	31.35	31.44	32.16	33.30	34.01	37.97	37.69	37.29
7				32.59	31.26	31.45	32.16	33.35	34.09	38.05	37.75	37.06
8				32.65	31.28	31.47	32.21	33.36	34.15	38.62	37.61	36.69
9			32.49	32.63	31.26	31.58	32.27	33.33	34.23	38.71	37.28	36.65
10			32.46	32.62	31.28	31.64	32.26	33.36	34.28	38.83	37.34	36.68
11			32.48	32.60	31.27	31.72	32.24	33.40	34.34	39.14	37.41	36.68
12			32.46	32.59	31.20	31.74	32.21	33.42	34.44	39.51	37.40	36.64
13			32.46	32.56	31.08	31.77	32.20	33.47	34.48	39.45	37.46	36.63
14			32.45	32.56	31.08	31.82	32.22	33.48	34.51	39.32	37.65	36.67
15			32.45	32.48	31.08	31.86	32.23	33.48	34.56	39.30	37.68	36.70
16			32.46	32.41	31.09	31.83	32.29		34.61	39.51	37.40	36.76
17			32.46	32.33	31.02	31.87	32.36	32.89	34.66	40.15	37.41	36.77
18			32.56	32.31	30.95	31.75	32.46	33.00	34.76	40.35	37.44	36.66
19			32.49	32.34	30.96	31.80	32.52	33.01	34.87	40.68	37.38	36.52
20			32.41	32.40	31.00	31.82	32.46	33.03	35.34	41.68	37.47	36.40
21			32.47	32.37	31.04	31.86	32.66	33.06	36.41	40.65	37.60	36.31
22			32.56	32.34	31.05	31.83	32.68	33.12	36.61	38.12	37.75	36.27
23			32.56	32.32	31.09	31.89	32.74	33.21	36.83	37.98	37.75	36.22
24			32.49	32.33	31.08	31.97	32.76	33.27	37.16	38.01	37.77	36.19
25			32.43	32.36	31.13	31.96	32.82	33.33	36.85	38.10	37.66	36.28
26			32.35	32.37	31.18	31.99	32.86	33.38	36.99	38.18	37.62	36.25
27			32.26	32.33	31.23	31.98	32.88	33.40	37.04	38.11	37.64	36.25
28			32.20	32.32	31.22	31.96	32.92	33.45	37.06	38.04	37.75	35.97
29			32.25	32.25	31.22	32.00	32.98	33.51	37.10	38.48	37.95	35.56
30			32.28	32.08	------	32.01	33.08	33.55	37.17	39.20	37.86	36.70
31		------	32.35	31.95	------	31.99	------	33.60	------	39.27	37.80	------
MEAN				32.41	31.22	31.73	32.44		35.18	38.81	37.73	36.68

335250N0811025.1. (Lx-79) Penn. Sand and Glass Company, Edmund. Drilled unused artesian well in rock of Paleozoic age. Diam. 6 in.; depth 252 ft; casing to 250 ft. Lsd about 376 ft above msl. MP top of recorder platform at lsd. Highest water level, 101.63 ft on Dec. 20, 1964; lowest, 119.80 ft on Apr. 17, 1962. Records available 1962-66, 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110.01	108.11	107.55	109.04	109.61	110.11	107.12	109.38	108.05	110.87	108.97	110.19
2	110.04	109.12	107.58	108.65	109.68	110.06	106.76	109.34	110.15	110.28	108.98	109.65
3	109.85	108.56	107.33	109.29	109.98	110.13	108.05	109.45	108.44	109.96	109.31	110.71
4	109.82	108.99	107.40	109.85	110.55	110.03	108.86	109.19	107.08	109.98	109.46	109.93
5	109.92	108.65	107.36	109.56	110.34	109.75	108.95	109.30	106.62	109.89	109.13	109.80
6	109.99	108.11	106.97	109.96	109.62	110.61	108.94	108.93	108.13	110.14	109.06	108.60
7	109.95	108.88	107.17	110.10	109.63	110.11	109.09	107.97	108.04	110.21	109.00	108.28
8	109.94	110.06	107.41	109.44	110.30	108.34	108.66	108.99	106.53	108.04	109.04	107.99
9	109.94	110.03	107.50	108.74	110.34	108.77	108.28	108.60	106.03	105.74	109.14	109.86
10	109.76	109.00	107.43	109.47	110.41	108.45	110.21	108.81	106.54	107.95	109.62	111.13
11	109.50	106.10	107.46	110.15	110.39	109.36	110.24	108.94	104.88	108.38	109.99	110.61
12	109.83	107.38	107.37	110.49	109.28	108.68	110.13	108.98	105.29	108.43	109.85	111.00
13	109.98	107.39	107.46	110.59	109.30	108.27	110.11	108.78	107.51	108.53	109.77	111.13
14	110.40	107.51	107.52	110.47	109.80	108.37	108.99	108.41	108.58	108.56	109.81	110.05
15	109.95	107.53	107.50	110.13	110.10	108.81	108.78	108.65	108.85	107.30	109.84	111.11
16	109.89	107.44	107.51	109.77	110.16	107.20	108.20	108.67	108.91	105.72	109.88	111.28
17	110.09	107.46	107.40	109.69	110.14	107.33	107.69	108.68	107.69	107.97	109.86	109.60
18	109.76	107.43	107.40	110.36	110.14	107.13	108.50	108.73	106.24	108.79	109.85	109.85
19	109.66	107.33	107.01	110.73	109.95	107.47	108.52	108.74	108.72	108.94	109.88	110.36
20	109.61	107.01	106.93	110.88	109.85	108.61	108.61	109.40	106.42	109.16	109.91	110.45
21	110.04	106.67	107.37	110.41	110.27	109.81	108.66	108.95	106.24	109.24	110.12	110.43
22	109.78	107.39	108.34	109.72	110.21	108.76	108.26	108.60	106.36	108.73	110.47	110.45
23	109.50	107.61	110.43	108.63	110.30	107.29	107.91	108.79	106.44	108.13	110.16	110.51
24	109.36	107.42	109.76	109.16	110.04	108.90	108.73	108.76	106.16	109.07	109.92	110.22
25	108.24	106.90	108.95	110.39	110.10	107.25	109.08	108.94	105.04	109.21	109.98	109.35
26	108.04	106.15	108.70	110.65	110.15	106.77	109.67	108.94	108.39	109.22	110.62	110.23
27	109.09	106.72	109.07	110.38	110.07	107.00	109.82	109.22	108.97	109.40	110.23	110.98
28	109.60	106.86	109.51	109.83	109.84	106.79	109.60	109.37	108.65	109.06	110.23	111.03
29	109.62	106.69	110.11	109.64	110.09	107.33	109.16	109.54	109.67	108.92	110.65	110.97
30	109.16	107.20	110.04	109.33	------	107.31	108.61	109.71	110.58	108.12	110.09	110.98
31	108.75	------	109.69	109.41	------	107.33	------	108.83	------	108.56	110.42	------
MEAN	109.65	107.72	108.05	109.84	110.02	108.46	108.81	108.95	107.51	108.79	109.78	110.16

WTR YR 1972 MEAN 108.98

335440N0813030.1. (Lx-88) Town of Leesville, Municipal well. Drilled unused artesian well in sand of Tertiary age. Diam. 8 in.; depth 126 ft; casing to 126 ft. Lsd about 645 ft above msl; MP top of recorder platform 2.2 feet above lsd. Highest water level, 23.66 ft on Feb. 24, 1965; lowest, 33.31 ft on Mar. 16, 1972. Partial records available: 1964-66, 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, DECEMBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					32.34		33.18	29.69	29.22	30.39	30.33	29.82
2					32.44		33.17	29.71	29.19	30.33	30.29	29.83
3					32.28		33.14	29.70	29.18	30.35	30.23	29.80
4					32.53		33.12	29.59	29.15	30.35	30.17	29.81
5					32.55		33.06	29.52	29.10	30.45	30.11	29.79
6				31.10	32.40		33.14	29.55	29.01	30.52	30.12	30.23
7				31.05	32.63	33.15	33.19	29.62	28.98	30.52	30.14	30.89
8				31.03	32.89	33.16	33.05	29.72	28.95	30.47	30.05	30.87
9				31.12	32.77	33.04	32.93	29.62	28.93	30.47	29.97	30.80
10				31.38	32.80	33.10	33.00	29.47	28.85	30.45	29.90	30.78
11			30.80	31.56	32.80	33.07	33.09	29.46	28.80	30.45	29.92	30.67
12			30.77	31.60	32.85	33.16	33.15	29.46	28.77	30.49	30.03	30.57
13			30.73	31.77	32.89	33.24	33.14	29.57	28.73	30.48	30.10	30.54
14			30.70	31.85	32.95	33.23	33.02	29.65	28.68	30.44	30.03	30.49
15			30.69	31.81	32.86	33.19	32.96	29.70	28.65	30.41	29.92	30.46
16			30.66	31.75	32.98	33.31	33.02	29.63	28.65	30.44	29.85	30.38
17			30.64	31.85	33.08	33.30	32.93	29.54	28.94	30.41	29.85	30.34
18			30.53	31.89	33.03	33.12	32.84	29.49	28.16	30.35	29.82	
19			30.56	31.89	33.00	33.09	32.86	29.50		30.33	29.76	
20			30.70	31.91	33.00	33.06	32.91	29.55		30.33	29.89	
21				31.94	33.05	33.14	32.84	29.53		30.32	29.91	
22				31.97	33.09	33.29	32.91	29.48		30.31	29.87	
23				31.96	33.17	33.21	32.89	29.45	30.27	30.33	29.79	
24				31.96	33.15	33.11	32.93	29.40	30.25	30.32	29.76	
25				31.89	33.09	33.12	32.83	29.31	30.33	30.29	29.92	
26				31.96		33.07	30.85	29.28	30.27	30.22	29.94	
27				32.02		33.16	29.70	29.33	30.20	30.20	29.97	
28				32.09		33.16	29.69	29.42	30.23	30.24	29.99	
29				32.24			29.67	29.41	30.30	30.34	29.97	
30				32.20	------		29.65	29.38	30.35	30.33	29.90	
31		------		32.24	------	33.23	------	29.28	------	30.32	29.85	------
MEAN							32.50	29.52		30.38	29.98	

343715N07941150.0. (Mlb-112) Town of Bennettsville National Guard Armory well. Drilled unused artesian well in sand of Late Cretaceous age. Diam. 8 in.; depth 345 ft; casing to 320 ft; screened at 15 ft; 100 ft of perforation. Lsd 150 ft above msl; MP top of concrete pad 1.2 ft above lsd. Highest water level, 265 ft on Jan. 20, 1972; lowest, 5.69 ft on Sept. 26, 1972. Records available: 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, JANUARY 1972 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					3.81	3.80	4.10	4.92		4.53		5.12
2					3.77	3.91	4.09	4.28		4.57	4.36	5.11
3					3.89	3.87	4.04	4.80		4.71	4.34	5.14
4					3.79	3.98	3.93	4.67		4.68	4.47	5.23
5					3.64	4.00	4.05	4.79		4.15	4.47	5.09
6					3.72	3.96	4.00	4.82		3.91	4.47	5.08
7					3.56	4.12	4.00	4.83		4.16	4.61	5.08
8					3.26	4.13	3.88	4.84		4.20	4.68	5.18
9					2.90	4.14	3.96	4.77		4.25	4.74	5.18
10					3.04	4.24	4.07	4.87		4.45	4.73	5.20
11				3.76	3.15	4.20	4.08	4.92		4.60	4.82	5.31
12				3.83	3.31	4.18	4.05	4.97		4.91	4.83	5.30
13				3.84	3.49	4.28	4.06	4.90		4.82	4.86	5.39
14				3.82	3.31	4.31	4.21	4.71		5.12	5.01	5.36
15				3.80	3.40	4.34	4.21	4.69		4.80	5.06	5.44
16				3.70	3.55	4.03	4.22	4.63		4.76	5.10	5.42
17				3.23	3.61	3.95	4.38	4.78		5.11	5.03	5.42
18				3.17	3.62	3.99	4.37	4.67		4.99	5.02	5.48
19				2.76	3.65	4.05	4.40			5.12	4.98	5.49
20				2.65	3.48	4.16	4.40			5.20	4.70	5.54
21				3.12	3.55	4.00	4.54			5.02	4.80	5.50
22				3.28	3.72	3.97	4.43		4.04	4.89	4.88	5.57
23				3.44	3.82	4.03	4.46		4.25	4.88	4.98	5.56
24				3.44	3.75	4.06	4.57		4.30	4.98	4.96	5.56
25				3.54	3.76	3.99	4.63		4.35	4.96	5.04	5.63
26				3.54	3.80	4.09	4.70		4.51		5.03	5.69
27				3.54	3.75	4.05	4.64		4.60		5.06	5.69
28				3.53	3.64	4.18	4.73		4.67		5.09	5.64
29				3.55	3.78	4.17	4.68		4.57		5.00	5.62
30				3.72	------	4.18	4.70		4.38		5.08	5.44
31		------		3.71	------	4.13	------		------		5.08	------
MEAN					3.57	4.08	4.29					5.38

340540N0810215.8. Lincolnshire Subdivision well, Columbia. Unused open hole well in granitic-gneiss and schist. Diam. 6 in.; depth 300 ft; casing to 90 ft. Lsd about 260 ft above msl; MP top of casing .4 ft above lsd. Highest water level, 17.07 ft on Apr. 3, 1972; lowest, 38.25 ft on Nov. 16, 1971. Records available: 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.90	31.67	37.30	35.20	30.91	29.20	17.17	27.80	27.30	29.00	29.60	31.45
2	26.80		36.55	35.40	29.61	29.35	17.10	28.40	27.25	29.30	29.70	31.70
3	28.87		36.55	35.70	29.20	29.30	17.07	27.20	27.40	29.50	30.05	31.50
4	28.50	33.74	34.95	35.50	28.08	29.32	17.30	27.70	29.00	29.80	30.20	31.70
5	26.85	33.75	35.30	35.50	27.75	28.05	17.08	26.85	31.15	29.30	30.80	32.40
6	28.85	35.10	36.15	35.10	25.90	26.28	17.25	28.15	32.35	28.90	30.85	31.80
7	29.70	35.70		35.40	25.59	25.10	19.65	29.20	33.20	28.70	30.50	32.20
8	30.57	36.20		35.80	27.55	24.15	20.70	28.25	34.00	29.85	30.60	32.40
9	27.70	36.65	34.90	36.05	27.50	23.59	22.60	27.40	33.55	30.55	30.65	33.00
10	29.80	37.00	35.10	36.00	26.05	22.87	23.50	30.10	33.10	29.80	30.22	33.55
11	30.95	37.23	35.30	35.00	26.65	22.52	23.80	29.65	33.10	30.25	29.95	33.00
12	31.50	37.45	36.10	33.70	27.15	21.82	24.20	29.80	32.30	30.50	31.15	32.90
13	32.00	37.35	35.85	32.80	26.90	21.30	25.45	30.35	32.65	30.50	32.30	32.95
14	31.74	37.90	35.40	29.45	27.00	20.90	26.80	29.25	32.40	30.60	31.80	33.90
15	31.75	38.20	35.00	29.40	27.00	20.15	27.45	27.70	32.95	30.80	31.20	34.82
16	31.75	38.25	34.65	30.40	27.20	19.63	28.40	26.90	33.05	30.90	31.05	35.40
17	32.00	36.60	34.60	31.20	27.51	19.65	29.30	26.90	33.90	29.70	31.10	36.77
18	32.70	36.05	35.30	31.20	27.55	19.55	30.10	28.20	34.35	29.70	31.50	37.60
19	32.35	36.50	35.60	31.25	27.10	19.35	29.50	27.05	33.00	30.25	31.50	37.15
20	32.30	36.45	36.05	31.40	28.00	19.15	29.00	27.40	31.50	29.70	32.00	36.85
21	32.37	36.80	36.30	31.45	28.55	19.16	28.30	28.00	29.70	29.90	31.30	36.45
22	31.65	36.35	36.55	31.30	28.80	18.60	27.50	27.10	29.50	30.80	31.85	35.75
23	31.20	36.25	34.70	31.55	28.95	18.40	26.10	26.45	29.00	31.15	31.60	35.60
24	31.40	35.90	34.70	32.50	28.65	18.45	25.35	26.15	29.55	31.30	32.40	35.80
25	31.60	36.60	35.00	32.55	28.50	18.30	27.25	27.60	30.10	31.30	31.85	35.72
26	31.85	36.70	34.85	32.50	28.35	18.30	28.50	27.20	29.20	31.90	32.15	35.62
27	32.00	36.60	34.90	32.20	28.76	18.05	29.30	26.90	28.90	31.60	32.45	35.79
28	32.15	36.90	34.80	32.02	29.40	17.80	28.20	27.10	28.90	30.60	31.60	35.40
29	32.50	36.65	34.95	31.50	29.30	17.80	29.65	26.45	28.30	30.20	31.20	35.00
30	31.80	36.10	34.80	31.10	------	17.75	29.10	26.85	29.00	30.40	31.20	34.30
31	31.60	------	34.70	31.10	------	17.18	------	26.20	------	30.30	31.15	------
MEAN	30.67			32.94	27.91	21.65	24.76	27.75	30.99	30.23	31.14	34.28

340335N0805835.1. (Rc-40) Shakespeare Manufacturing Company near Columbia. Drilled unused water-table well in sands of Late Cretaceous age. Diam. 6 in.; depth 245 ft; casing to 233 ft; screened at 98-105 ft. Lsd about 390 ft above msl; MP top of casing .55 ft above lsd. Highest water level, 69.91 ft on May 23, 1960; lowest, 84.10 ft on May 16, 1952. Records available: 1949-52, 1957-66, 1972.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				74.48	74.85	75.12	75.38	76.06	76.27	76.34	76.95	77.03
2				74.23	74.85	74.93	75.38	75.86	76.18	76.36	76.90	77.03
3				74.52	74.68	75.03	75.45	75.88	76.29	76.35	76.94	77.05
4				74.35	75.05	75.15	75.45	76.17	76.13	76.35	77.32	77.06
5				74.48	75.08	75.14	75.50	76.23	76.20	76.47	77.08	77.02
6				74.55	74.78	75.30	75.38	76.17	76.20	76.42	77.07	77.11
7				74.63	74.84	75.15	75.80	76.01	76.11	76.50	76.95	77.12
8				74.62	75.08	75.15	75.90	75.78	76.06	76.42	76.93	77.10
9			73.84	74.38	75.06	75.30	75.82	75.72	76.02	76.42	76.97	77.08
10			73.85	74.50	75.10	75.20	75.85	75.83	76.03	76.50	77.03	77.22
11			73.93	74.63	75.05	75.25	75.87	75.80	76.17	76.48	76.94	77.20
12			73.90	74.73	74.90	75.10	75.77	75.80	76.10	76.50	76.90	77.25
13			74.00	74.65	74.75	75.10	75.73	75.74	76.07	76.45	76.86	77.22
14			74.00	74.71	75.04	75.10	76.00	75.67	76.10	76.49	76.88	77.16
15			73.97	74.75	74.96	74.98	75.82	75.73	76.10	76.48	76.89	77.17
16			74.00	74.83	75.05	75.00	75.65	75.76	76.10	76.48	76.94	77.21
17			74.05	74.70	74.90	75.10	76.05	75.87	76.17	76.50	76.87	77.27
18			74.20	74.65	74.85	75.27	76.02	75.88	76.17	76.50	76.97	77.30
19			74.10	74.65	74.78	75.27	76.89	76.00	76.27	76.50	76.88	77.60
20			74.00	74.70	74.95	75.30	76.88	75.90	75.97	76.55	76.90	77.52
21			74.16	74.68	75.05	75.30	76.96	75.97	76.13	76.50	76.92	77.65
22			74.43	74.68	74.97	75.10	76.83	76.02	76.34	76.51	76.91	77.71
23			74.25	74.70	75.11	75.10	76.87	76.08	76.37	76.50	76.90	77.93
24			74.07	74.80	74.93	75.12	75.95	76.10	76.27	76.50	76.93	77.98
25			74.10	74.95	75.08	75.17	76.00	76.15	76.20	76.60	76.96	78.01
26			74.00	74.95	75.04	75.35	76.05	76.19	76.42	76.72	77.00	77.91
27			74.25	74.80	75.23	75.29	75.95	76.19	76.30	76.75	76.95	77.90
28			74.33	74.77	75.10	75.05	76.05	76.15	76.35	76.79	76.96	77.92
29			74.40	74.86	75.10	75.33	76.06	76.18	76.26	76.78	76.99	77.94
30			74.30	74.75	------	75.38	76.05	76.17	76.28	76.85	77.04	77.88
31		------	74.40	74.97	------	75.38	------	76.17	------	76.92	77.03	------
MEAN				74.67	74.97	75.18	75.98	75.98	76.19	76.53	76.96	77.42

335602N0820480.0. (Su-69) City of Sumter municipal well field. Drilled unused artesian well in sand of Late Cretaceous age. Diam. 18 in.; depth 805 ft; casing to 618 ft; screened at 525-608 ft. Lsd about 176 ft above msl, MP top of concrete pad 0.5 ft above lsd. Highest water level, 45.57 ft on Dec. 26, 1971, lowest, 75.75 ft on June 10, 1971. Records available: 1970-72.

DAILY WATER LEVELS BELOW MEASURING POINT, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			59.75		57.98	59.80	55.96	60.79	62.72	59.30	66.69	72.95
2			61.50	49.13	59.03	60.27	57.03	65.27	62.36	55.93	67.84	65.08
3			61.36	52.33	59.02	60.17	54.08	64.44	60.62	56.67	69.58	58.88
4		58.73	58.22	56.21	58.65	56.00	58.83	63.62	55.89	56.27	70.87	59.20
5		58.51	53.50	58.14	56.13	51.10	59.70	64.70	58.21	56.12	68.11	61.51
6		55.49	55.93	57.60	51.58	54.06	61.12	62.23	61.37	54.30	60.41	65.94
7		50.15	58.16	59.53	53.37	58.25	61.68	56.14	61.10	53.66	63.85	67.84
8		52.87	59.54	56.42	57.19	60.09	57.34	58.41	61.34	53.45	69.31	69.39
9		54.71	61.83	51.15	58.90	60.33	51.86	61.90	62.32	53.41	68.96	65.32
10		56.39	60.26	53.41	60.03	61.52	55.41	64.27	59.51	55.30	70.53	59.24
11		57.05	56.00	58.19	59.38	57.16	60.30	64.64	54.25	58.66	70.23	61.63
12		56.64	51.75	59.25	54.41	52.58	61.17	65.36	57.43	59.28	66.69	65.05
13		55.50	53.51	59.17	50.12	55.50	61.49	61.66	61.25	60.21	60.01	67.87
14		50.94	58.76	59.05	53.09	59.39	62.69	55.22	62.77	61.25	63.12	68.39
15		54.54	59.59	55.45	57.60	60.64	61.33	57.67	64.26	59.12	70.56	70.20
16		54.92	60.40	50.80	58.73	61.15	58.86	62.61	64.45	54.41	71.39	68.30
17		56.16	59.14	54.26	59.17	60.19	58.42	64.35	62.98	55.78	71.11	60.37
18		57.59	54.87	59.57	59.15	55.45	62.30	65.30	58.88	59.26	72.32	60.03
19		57.93	51.59	60.42	56.21	51.62	65.30	66.15	58.10	62.06	65.43	65.34
20		58.09	51.92	61.57	51.32	54.89	65.21	61.28	60.40	64.14	60.07	69.06
21		57.11	53.13	61.54	54.09	58.99	66.57	55.36	61.64	63.46	61.85	68.84
22		56.12	52.96	58.47	57.96	60.33	60.39	57.20	62.19	61.05	70.84	70.01
23		62.25	51.01	53.55	59.20	60.74	56.42	62.70	61.86	57.27	72.96	67.09
24		64.49	47.93	55.65	59.61	61.18	59.11	64.78	60.17	58.92	73.84	59.47
25	60.86	63.13	46.77	59.04	59.04	50.54	63.23	63.19	56.40	61.68	73.21	63.06
26	57.49	63.36	45.57	59.65	55.59	59.29	63.67	61.64	58.82	67.99	64.42	68.19
27	51.47	59.86	50.12	60.04	50.54	59.38	64.67	57.57	65.07	69.48	59.77	
28		54.82	56.70	60.32	52.17	59.57	66.00	53.38	62.62	69.00	63.69	
29		56.09	57.35	55.77	57.01	60.71	63.60	56.67	61.67	65.84	66.73	
30		60.21	58.35	51.27	------	61.46	58.55	59.67	62.53	59.54	70.94	
31		------		53.89	------	59.58	------	60.39	------	62.72	73.13	------
MEAN					56.43	58.13	60.41	61.24	60.77	59.53	67.69	

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